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Peptides effective in the treatment of tumors and other conditions requiring the removal or destruction of cells

Patent: WO 03008443-A 30 30-JAN-2003;
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Peptides eefective in the treatment of tumors requiring the removal or destruction of cells Patent: WO 03008443-A 31 30-JAN-2003;
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/mol_type="unassigned DNA"
/mol type="taxon:32630"
/moEe="Synthetic oligonucleotide"
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An Alu cassette in the human epithelial sodium channel Biochim. Biophys. Acta 1520 (1), 94-98 (2001) 21363042 11470165
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1. (bases 1 to 66)
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Homo sapiens clone ENaC+22 epithelial sodium channel alpha (SCNNIA) mRNA, alternatively spliced, partial sequence.
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1 (bases 1 to 61)
Matoba,R., Okubo,K., Hori,N., Fukushima,A. and Matsubara,K.
The addition of 5'-coding information to a 3'-directed cDNA librar improves analysis of gene expression
Gene 146 (2), 199-207 (1994)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     gene signature.
Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                           Submitted (21-JUL-1993) Ryo Matoba, Osaka University, Institute for Molecular and Cellular Bio; 1-3, Yamada-oka, Suita, Osaka 565, Japan (B-mail:matoba@inherit.imcb.osaka-u.ac.jp, Tel:81-6-877-511(ex.3314), Fax:81-6-877-1922) Submitted (21-Jul-1993) to DDBJ by:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      D17065.1 GI:598825
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Research Institute of Innovative Technology
Kizugawadai Kizu-cyo,
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GATCTGCCTGCGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCACGCCCGG 896
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ilarity 100.0%;
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                                                                                                                        /organism="Homo sapiens"
/mol type="mRNA"
/db_xref="taxon:9606"
/sex="Male"
/cell_line="HepG2"
/clone_lib="Kiseru"
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/db_xref="taxon:32630"
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Pred. No. 37;
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                 847 CCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCACCACGCCCGGC
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Sequence
AR444500
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\vdash
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Patent: US 6670464-A 911 30-DEC-2003;
Location/Qualifiers
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms and
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Accession number cg43989360"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                              /mol_type="genomic
                                                                                                           organism="unknown"
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 189 07-JUN-2001;
Curagen Corporation (US)
AX161692 51 bp D
Sequence 5020 from Patent W00140521.
AX161692
AX161692.1 GI:14543023
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Sequence 3192 from Patent
AX159864
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Nucleic acids containing single nucleotide
methods of use thereof
patent: WO 0140521-A 3192 07-JUN-2001;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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RESULT 12
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                                                      Sequence
AX163377
Homo sapiens (human)
Homo sapiens
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48; Conserv
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Patent: WO 0140521-A 7 07-JUN-2001;
Curagen Corporation (US)
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Sequence 7 from Patent WO0140521
AX156679
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Nucleic acids containing single nucleotide polymorphisms
methods of use thereof
Patent: WO 0140521-A 5020 07-JUN-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates;
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                                         AX163377.1 GI:14544708
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg42918213"
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Matches 48; Conserv
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AX156862
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: US 6670464-A 912 30-DEC-2003;
Location/Qualifiers
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Sequence 912 from
AR444501
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Mammalia; l
            Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 190 07-JUN-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates;
                                                                                                                              Homo sapiens (human)
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                                                                                                                                                                                190 from Patent
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Location/Qualifiers
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/mol_type="genomic DNA"
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Eutheria;
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Primates;
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; Pred. No. 49;
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AX159863/c
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AX161289/c
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Sequence 3191 from Patent
AX159863
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A, 3191 07-JUN-2001;
                                                        Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 4617 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                  Homo sapiens (human)
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Mammalia; Eutheria; Primates;
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Similarity 94.1%;
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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accession number cg11763542"
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/mol_type="unassigned DN
                                            Location/Qualifiers
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Pred. No. 49;
0; Mismatches
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Pred. No. 49;
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                                                                                                      Nucleic acids containing single nucleotide polymorphisms and methods of use thereof Patent: WO 0140521-A 6759 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                    Shimkets, R.A. and Leach, M.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Accession number cg43961690"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="1 of 2 allelic variants (6760 is other entry)
                           db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Patent: WO 0140521-A 1495 07-JUN-2001;
Curagen Corporation (US)
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Location/Qualifiers
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Sequence 8 from Patent WO0140521
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Nucleic acids containing single nucleotide polymorphisms
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                        /note="1 of 2 allelic variants
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Accession number cg42918213"
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Eutheria; Primates;
                                                             /mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX156677
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Sequence 4265 from Patent
AX160937
AX160937.1 GI:14542268
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Nucleic acids containing single nucleotide
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  1 Similarity 46; Conser
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Mammalia; Eutheria;
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                                                                                                                                                                                                                                       Eukaryota;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 95.8%;
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                                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg43941567"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Euthería; Primates;
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CCTGCCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCACGCC 893
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                                                                                                                                                                                                of use thereof WO 0147944-A 4667 05-JUL-2001;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms methods of use thereof
Patent: US 6670464-A 913 30-DEC-2003;
Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms and methods of use thereof
Patent: WO 0140521-A 3 07-JUN-2001;
Curagen Corporation (US)
                                                                                                                                                     AX156675 51 bp
Sequence 3 from Patent WO0140521.
AX156675
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: US 6670464-A 1181 30-DEC-2003;
Location/Qualifiers
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                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                   Homo sapiens (human)
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                                                                                                                                                                                                                                                                   RESULT 29
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Best Local Similarity
Matches 47; Conserv
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Best Local Similarity
Matches 47; Conserv
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AX161135
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AX161290
                                     Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 4618 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      methods of use thereof
Patent: WO 0140521-A 4463 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
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Nucleic acids containing single nucleotide
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Mammalia; Eutheria; Primates;
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                                                                                                Shimkets, R.A. and Leach, M.
                                                                                                                          Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                   Homo sapiens (human)
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ilarity 92.2%;
Conservative
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llarity 92.2%;
Conservative
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Accession number cg43955367"
                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Pred. No. 61;
0; Mismatches
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Pred. No. 61;
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WO0140521.
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WO0140521.
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                                                                                                                           Craniata; Vertebrata; Catarrhini; Hominidae;
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AX163432
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Best Local S
Matches 47
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Best Local :
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misc_feature
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Sequence 5329 from Patent WO0140521
AX162001
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Sequence
AX163432
                                                                 Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 6760 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 5329 07-JUN-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                       6760 from Patent
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Accession number cg43993862"
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/db_xref="taxon:9606"
 /mol_type="unassigned DNA"
/db_xref="taxon:9606"
26
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/db_xref="taxon:9606"
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                                           organism="Homo sapiens"
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Pred. No. 61;
0; Mismatches
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Pred. No. 61;
0; Mismatches 4;
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: WO0140521.
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AX165056
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AUTHORS
TITLE
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AX199257
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Best Local Similarity
Matches 47; Conserva
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Best Local Similarity
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AX165056
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                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                            Shimkets,R.A. and Leach,M.D.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0151670-A 187 19-JUL-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
                                                                                                                                                                                                                                                                                 Sequence 187 from Patent
AX199257
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="single nucleotide polymorphism
Accession number cg43957889"
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/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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/note="1 of 2 allelic variants (188 is other entry)
Accession number cg42928085"
                                                                                                Location/Qualifiers
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Sequence 540 from Patent
AX199610
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Sequence 188 from Patent
AX199258
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Accession number cg42928085"
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Accession number cg43008204"
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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                                                                                                                                      Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0151670-A 544 19-JUL-2001; Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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of 2 allelic variants
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Pred. No. 67;
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 2541 07-JUN-2001;
Curagen Corporation (US)
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                                                                                                                                                        Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0147944-A 3052 05-JUL-2001;
Curagen Corporation (US)
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Sequence 3052 from Patent
CQ004412
CQ004412.1 GI:41011044
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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  CCTCCCGGGCTCAAGCGATTCTCCTGTCTCAGCCTCCCAAGCAGCTGGGA 1039
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Accession number cg40154721"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                             /note="Accession number cg43970708"
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Pred. No. 68;
                                        Score 43.6; | Pred. No. 70;
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AX116181
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ACCESSION
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RESULT 42
AX157474
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AX157145/c
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Best Local S
Matches 46
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Best Local Similarity
Matches 46; Conserv
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                                                                                842 GCCTGCCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCACC
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Patent: WO 0129262-A 1304 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1304 from Patent AX116181
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Sequence 473 from Patent
AX157145
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 92.0%;
46; Conservative
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Accession number cg44928115"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 70;
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AX161133/c
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AX158168/c
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AX161133
Sequence 4461 from Patent
AX161133
AX161133.1 GI:14542464
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 802 07-JUN-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates;
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larity 92.0%;
Conservative
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Accession number cg29694879"
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                                                                                                                                                                                                                                                             mol_type="unassigned'db_xref="taxon:9606"
                                                                                                                                                                                                                                                                              organism="Homo sapiens"
/mol_type="unassigned DNA"
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AX163198/c
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                                                                                                                                                                        672 GGCTCACTGCAACCTCTGCCTCCCGGGTTCAAGTTATTCTCCTGCCCCAG 721
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                   Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 4748 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 4461 07-JUN-2001; Curagen Corporation (US)
Homo sapiens (human)
Homo sapiens
                                        AX163198
Sequence 6526 from Patent
AX163198
AX163198.1 GI:14544529
                                                                                                                                                          2 GGCTCACTGCATCCTCCGCCTCCCGGGTTCAAGCTATTCTCCTGCCTCAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                       /note="2 of 2 allelic variants
Accession number cg43969342"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note="1 of 2 allelic variants (4462 is other entry)
Accession number cg43955367"
                                                                                                                                                                                                                                                                                                            /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 70;
0; Mismatches
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Pred. No. 70;
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AX156678/c
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AX160938
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Patent: WO 0140521-A 6526 07-JUN-2001;
Curagen Corporation (US)
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Sequence 6 from Patent W00140521.
AX156678
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Mammalia;
                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent:
Curagen
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                                                                                                   Sequence 4266 from Patent AX160938
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nucleic acids containing single nucleotide methods of use thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AX156678.1 GI:14537792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Shimkets,R.A. and Leach,M.
             Eukaryota; Metazoa;
Mammalia; Eutheria;
                                          Homo sapiens
                                                                                       AX160938.1 GI:14542269
                                                                                                                              AX160938
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Similarity 93.8%;
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                                                        domo sapiens (human)
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Corporation (US)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                             /organism="Homo sapiens"
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/db_xref="taxon:9606"
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Accession number cg42918213"
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92.0%;
               Chordata;
Primates;
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Pred. No. 74;
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WO0140521
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             Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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Sequence 4492 from Patent
CQ005852
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Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0147944-A 4666 05-JUL-2001; Curagen Corporation (US)
                                                                                   Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                      Sequence 4666 from Patent CQ006026 CQ006026.1 GI:41012658
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryola; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 90.2%;
Conservative
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WO 0147944-A 4492 05-JUL-2001;
Corporation (US)
Location/Qualifiers
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/db_xref="taxon:9606"
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Pred. No. 76;
0; Mismatches
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WO0147944.
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Query Match
Best Local Similarity
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms and methods of use thereof
Patent: US 6670464-A 914 30-DEC-2003;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                  /organism="unknown"
/mol_type="genomic
                                                                                         Location/Qualifiers
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Best Local Similarity 90.2%;
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           Sequence 1 from Patent W00140521
AX156673
AX156673.1 GI:14537659
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 2036 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms
methods of use thereof
Patent: US 6670464-A 1182 30-DEC-2003;
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Mammalia; Eutheria; Primates;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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SOURCE

Homo sapiens (human)

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 804
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AX157476.1
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AX156676 AX156676.1 GI:14537668
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNJ
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/db_xref="taxon:9606"
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 804 07-JUN-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Sequence 3133 from Patent
AX159805
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Mammalia; Eutheria; Primates;
                                                                                                            Homo sapiens
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Accession number cg42750426"
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/mol_type="unassigned DNA"
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Catarrhini; Hominidae;
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Shimkets, R.A. Nucleic acids

and Leach, M. containing single nucleotide polymorphisms and

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SOURCE
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AX159860/c
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ORGANISM
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ACCESSION
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AX161136/c
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Curagen
Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide polymorphisms methods of use thereof Patent: WO 0140521-A 4464 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                              1 Similarity
46; Conserv
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Sequence 3188 from Patent
AX159860
                                                                                                                                                                      Sequence 4464 from Patent AX161136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              methods of use thereof
Patent: WO 0140521-A 3188 07-JUN-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Shimkets, R. A. and Leach, M. Nucleic acids containing single nucleotide polymorphisms
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                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                              Homo sapiens
                                                                                                                             Homo sapiens (human)
                                                                                                                                                         AX161136.1 GI:14542467
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ilarity 90.2%;
Conservative
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llarity 90.2%;
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WO 0140521-A 3133 07-JUN-2001;

Corporation (US)

Location/Qualifiers
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Accession number cg42924993"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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; Pred. No. 76;
0; Mismatches
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Pred. No. 76;
0; Mismatches
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ACCESSION
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AX161196/c
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KEYWORDS
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AX161195/c
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AX161195
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 4524 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
                                                                                                                                                                       Sequence 4524 from Patent AX161196
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Location/Qualifiers
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Nucleic acids containing single nucleo
methods of use thereof
Patent: WO 0140521-A 4523 07-JUN-2001;
                                                                                                                     Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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                                                                                                        Eukaryota;
                                                                                                                                 Homo sapiens (human)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg43958290"
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                                                                                           ; Metazoa;
Eutheria;
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Accession number cg43955367"
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Primates;
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Pred. No. 76;
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Pred. No. 76;
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                                                                                           Craniata; Vertebrata;
Catarrhini; Hominidae;
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/organism="Homo sapiens"

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AX162000
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ORGANISM
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AUTHORS
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ORGANISM
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AX162002
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Matches 46
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Best Local
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Sequence
AX162002
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 5328 07-JUN-2001;
Curagen Corporation (US)
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Sequence 5328 from Patent
AX162000
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                                                                                                          Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide methods of use thereof
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                                                                    Homo sapiens (human)
                                                                                                                                                                                                                                 AX162002.1 GI:14543333
                                                                                             Patent:
                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                 Corporation (US)
                                                                                           WO 0140521-A 5330 07-JUN-2001;
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Accession number cg43993862"
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/db_xref="taxon:9606"
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                                        organism="Homo sapiens"
                                                                ocation/Qualifiers
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90.2%;
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Pred. No. 76;
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AX163395/c
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AX164817
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Best Local Similarity
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AX163395
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Sequence 12 from Patent WO0138586.
AX164817
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                             Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0138586-A 12 31-MAY-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens
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Accession number cg42868441"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                           /mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession
/note="single nucleotide polymorphism
Accession number cg43933757"
                                                                                                                                            organism="Homo sapiens"
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Pred. No. 76;
0; Mismatches
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WO0140521.
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AX199255
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Matches 46; Conser
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                                                                                                                                                           Shimkets,R.A. and Leach,M.D. Nucleic acids containing single nucleotide polymorphisms and methods of use thereof Patent: WO 0151670-A 185 19-JUL-2001; Curagen Corporation (US)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                            Sequence 185 from Patent WO0151670. AX199255
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                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                      Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
  Conservative
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Accession number cg43070037"
                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
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/db_xref="taxon:9606"
                                                  Accession number cg42928085"
                                                                  /note="1 of 2 allelic variants
                                                                                                                                                Location/Qualifiers
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            4.3%;
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Pred. No. 76;
0; Mismatches
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Score 43; DB Pred. No. 76; O; Mismatches
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AX199357
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Best Local Similarity 90.2%;
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1083 ATTAGAGGCGGGTTTCACCATATTTGTCAGGCTGGTCTCAAACTCCTGAC 1133
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                                           th 4.3%;
| Similarity 90.2%;
| 46; Conservative
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Patent: WO 0151670-A 287 19-JUL-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                       Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata,
Mammalia, Eutheria, Primates;
                                                                                                                                                                                                                                                                                                                                                                                             Sequence 287 from Patent AX199357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          methods of use thereof
Patent: WO 0151670-A 247 19-JUL-2001;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg39662754"
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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Accession number cg41584420"
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Pred. No. 76;
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AX199358
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AY283615
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Sequence 288 from Patent WO0151670.
AX199358
                                                                                                                                                                                                                                                                       1 (bases 1 to 50)
Cramer,S.D., Chang,B.-L., Rao,A., Hawkins,G.A., Chang,S.,
Wade,W.N., Cooke,R.T., Thomas,L.N., Bleecker,B.R., Catalona,W.J.,
Sterling,D.A., Meyers,D.A., Ohar,J. and Xu,J.
Association between Genetic Polymorphisms in the Prostate-specific Antigen Gene Promoter and Serum Prostate-specific Antigen Levels
J. Natl. Cancer Inst. Monographs (2003) In press
2 (bases 1 to 50)
2 (chases 1 to 50)
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Homo sapiens KLK3 gene promoter region, partial sequence.
AY283615
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                             Cramer, S.D., Xu, J. and Hawkins, G.A. Direct Submission
                                                                                                                                                                                                           Submitted (25-APR-2003) Cancer Biology, V
School of Medicine, Medical Center Blvd,
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/gene="KLK3"
/note="PSA"
<1. .>50
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Accession number cg41584420"
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/mol_type="unassigned DNA"
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                                                                  /map="19q13.4"
                                                                                       /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/chromosome="19"
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Pred. No. 76;
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, Winston-Salem, NC 27157,
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                                                                                                                                                                                                                                                                                                                                  193 TTCTCCATGTTGGTCAGGCTGGTCTCGAACTCCCGACCTCAGATGATCC
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Patent: WO 0140521-A 3758 07-JUN-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                 Genotyping reagents, kits and methods (
Patent: WO 0129262-A 1160 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Nucleic acids containing single nucleotide polymorphisms
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                                                                                                                                 Eukaryota; Metazoa; Chordàta; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                           Homo sapiens (human)
                                                                                                                                                                                                                 Sequence 1160 from Patent
AX116037
                                                                                                           Picoult-Newburg, L. and Pohl, M.
                                                                                                                                                               Homo sapiens
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ilarity 91.8%;
Conservative
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/note="in white
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 79;
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Pred. No. 80
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AX159214/c
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VERSION
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AX158063/c
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Query Match
Best Local Similarity
Matches 44; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                          369 TCCACCTGCCTCAGCCTCCCAAAGTGCTGGGATTACAGGCGTGCAGC 415
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                                                                                                                                                        Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 2542 07-JUN-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                     Sequence 2542 from Patent AX159214
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Sequence 1391 from Patent
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Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                        Bukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                   Homo sapiens
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                                                                                                                                                                                                                                                                                                        AX159214.1
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Homo sapiens
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                                                      Accession
                                                                                      /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                   /note="2 of 2 allelic variants
Accession number cg40154721"
                                                                                                                                              Location/Qualifiers
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             93.6%;
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Score 42.2; D
Pred. No. 85;
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Pred. No. 85;
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Pred. No. 83;
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AX709008
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ORGANISM
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AX159861/c
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Best Local Similarity
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Best Local Similarity 93.6%;
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Sequence 3189 from Patent
AX159861
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Patent: WO 0140521-A 3189 07-JUN-2001;
Curagen Corporation (US)
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                    Peptides eefective in the treatment of tumors requiring the removal or destruction of cells Patent: WO 03008443-A 32 30-JAN-2003; Nymox Corporation (CA)
                                                                                                                                                                                                                                                                                                       synthetic construct synthetic construct
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Sequence 32 from Patent
AX709008
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                                                                                                                                                                                                                                                                                          artificial sequences.
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                  TTCTCCTGTCTCAGCCTCCCAAGCAGCTGGGATTACGGGCAC 1049
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 TTCTCCTGTCTCAGCCTCCCAAGCAGCTGGGATTACGGGCAC
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Accession number cg43064195"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                              /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                  /note="Synthetic oligonucleotide"
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                                                                        Score 42; DB 1;
Pred. No. 71;
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Pred. No. 85;
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WO03008443.
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WO0140521.
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Sequence 33 from Patent W003008443.
AX709009
AX709009.1 GI:29564682
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Sequence 1002 1
CQ002362
CQ002362.1 GI
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Peptides eefective in the treatment of tumors and requiring the removal or destruction of cells Patent: WO 03008443-A 34 30-JAN-2003;
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Sequence 34 from Patent
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synthetic construct
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sapiens (human)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                       GI:41008994
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100.0%; Pred. No.
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Nucleic acids containing single nucleomethods of use thereof
Patent: WO 0140521-A 474 07-JUN-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, I
Mammalia, Butheria, Primates, Catarrhini, Hominidae,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AX157146 51 bp
Sequence 474 from Patent WO0140521.
AX157146
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                             AX157373
Sequence 701 from Patent
AX157373
Shimkets,R.A. and Leach,M. Nucleic acids containing s
                                                                    Homo sapiens (human)
Homo sapiens
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                                        Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Similarity 90.0%;
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nilarity 90.0%;
Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                  GI:14538704
 containing single nucleotide
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Pred. No.
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                                              Craniata; Vertebrata;
Catarrhini; Hominidae;
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; Homo.
                                                             Euteleostomi;
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Curagen
Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms and
methods of use thereof
Patent: WO 0140521-A 873 07-JUN-2001;
Curagen Corporation (US)
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Patent: WO 0140521-A 801 07-JUN-2001;
Curagen Corporation (US)
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                                                                                                                                                                              Sequence 873 from Patent AX157545
                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                   Homo sapiens (human)
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                                                                                                                                                                                                         AX157545
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                                                                                                                                                                                                                                                             /note="1 of 2 allelic variants (802 is other
Accession number cg21640260"
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Accession number cg21147771"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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Pred. No. 87;
0; Mismatches
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                                    Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 4747 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                         Homo sapiens (human)
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AX161419
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Location/Qualifiers
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                                                                                                                  Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Mammalia; Eutheria;
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                                                                                         Shimkets, R.A. and Leach, M.
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Accession number cg43955367"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg23309108"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Primates;
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AX161913
AX161913.1 GI:14543244
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                         Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 5241 07-JUN-2001; Curagen Corporation (US)
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Mammalia; Eutheria; Primates;
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Accession number cg43979411"
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/db_xref="taxon:9606"
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Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 6525 07-JUN-2001; Curagen Corporation (US)

polymorphisms and

/organism="Homo sapiens" /mol\_type="unassigned DNI /db\_xref="taxon:9606"

DNA"

Location/Qualifiers

/note="1 of 2 allelic variants (6526 is other entry) Accession number cg39667665"

Accession

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Homo sapiens Homo sapiens (human) AX163197.1 GI:14544528

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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 6492 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
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AX163164
AX163164.1 GI:14544495
Sequence 6525 from Patent AX163197
                                                                                                          1 ACTCTGTCGCCCAGGCTGGAGTGCAGTGGCGTGATCTCAGCTCACTGCAA
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg43988015"
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Sequence 186 from Patent
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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               TTTTTGTTTGAAATGGAATCTCACTCTGTTACCCAGGCTGGAGTGC
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                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Accession number cg43951020"
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/db_xref="taxon:9606"
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1 (bases 1 to 51)
Edwards, J.B.D.M., Duclair, E. and Jordan, J.Y.
Sequence tag and encoded human protein
Patent: JP 2001269182-A 14913 02-OCT-2001;
GENSET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           45;
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N JP 2001269182-A/14913

PD 02-0CT-2001

PF 24-FEB-2000 JP 2000118773

PF 26-FEB-1999 US 60/122487

PR JEAN BAPUTIST DUMAS MILNE EDWARDS, EIMERIC DUCLAIR, JEAN YVES

PI JORDAN

PC C11N15/09,C07K14/435,C07K16/18,C12N1/15,C12N1/19,C12N1/21, F

C12N5/10,C12P21/02,C12P21/08,C12Q1/68//G06F17/30,C12N15/00,C12N5/00,
                                                                                                                                                                     1 (bases 1 to 47)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 3767 25-MAR-2003;
                                                                                                                                                                                                                                                                                                                 Sequence 3767 from patent AR292032
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence tag and encoded BD038667
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JP 2001269182-A/14913.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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                                                                                                            /mol_type="genomic DNA"
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Matches 44; Conser
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                                                                                                                                             variation
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 2790 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 132 from Patent
AX164937
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                TCTCCATGTTGGTCAGGCTGGTCTCGAACTCCCGACCTCAGATGATCC
 TCTCCATGTTGGTCAGGCTGGTCTCAAACTCGTGACCTCAGGTGATCC 4
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ilarity 91.7%;
Conservative
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larity 91.7%;
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WO 0138586-A 132 31-MAY-2001;
Corporation (US)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
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26
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Accession number cg42473468"
                                                                                                              /note="single nucleotide polymorphism
Accession number cg43047341"
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Pred. No. 92;
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AR444260
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1 (bases 1 to 51)

Shimkets,R.A. and Leach,M.

Nucleic acids containing single nucleotide
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms
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1 (bases 1 to 51)
Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: US 6670464-A 1125 30-DEC-2003;
Location/Qualifiers
                                                                             Unknown
                                                                                                                          Sequence 1125 from patent AR444714
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nilarity 88.2%;
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US 6670464-A 704 30-DEC-2003;
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/mol_type="genomic DNA"
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Pred. No. 95;
0; Mismatches
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Pred. No. 95;
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AX156674/c
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Best Local S
Matches 45
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TITLE
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Best Local Similarity 88.2%;
Matches 45; Conservative (
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Sequence 2 from Patent WO0140521.
AX156674
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Sequence 191 from Patent
AX156863
                                                                                                                             methods of use thereof
Patent: WO 0140521-A 191 07-JUN-2001;
                                                                                                                                                                                                                                  Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent: WO 0140521-A 2 07-JUN-2001; Curagen Corporation (US)
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Nucleic acids containing single nucleotide polymorphisms and
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                         Nucleic acids containing single nucleotide polymorphisms and
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                                                                                                                    Corporation (US)
/note="1 of 2 allelic variants
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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AX157349/c
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                                                                                                                                                                                                                                                                                                                                               Sequence 803 from Patent AX157475
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                       /organism="Homo sapiens"
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/db_xref="taxon:9606"
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Accession number cg20728358"
                                           /note="1 of 2 allelic variants
Accession number cg21640260"
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AXI58115
AXI58115.1 GI:14539446
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Sequence 1716 from Patent
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AX158388.1 GI:14539719
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 3033 from Patent WO0140521.
AX159705
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Mammalia; Eutheria; Primates;
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Nucleic acids containing single nucleotide
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX159806/c
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AX159798
AX159798.1 GI:14541129
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3134 07-JUN-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates;
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Patent: WO 0140521-A 3126 07-JUN-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates;
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Accession number cg42924993"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 95;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                     Nucleic acids containing single nucleotide polymorphisms methods of use thereof Patent: WO 0140521-A 3440 07-JUN-2001; Curagen Corporation (US)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 3440 from Patent
AX160112
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ilarity 88.2%;
Conservative
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                                                                                                                                                                                                      /note="2 of 2 allelic variants (3439 is
Accession number cg43268590"
                                                                                                                                                                                                                                            /organism="Homo sapiens"
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Accession number cg43064195"
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/db_xref="taxon:9606"
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Pred. No. 95;
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PAT 22-JUN-2001

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AX160427
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3482 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
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AX160427
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Sequence 5327 1
AX161999
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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 Homo sapiens (human)
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                                                                                                                                       TTTTTTAGTAGAGATGGAGTTTCTCCAIGTTGGTCAGGCTGGTCTCGAAC 222
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Accession number cg43280932"
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Accession number cg43919529"
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                           GI:14543330
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AX163152/c
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AX163246/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           646 AGGCTGGAGTGCAGTGGCGCAATCTTGGCTCACTGCAACCTCTGCCTCCCG
                                                                                                                                                                                             970 TCGGCTCACTGCAACCTCTGCCTCCCGGGCTCAAGCGATTCTCCTGTCTCA 1020
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Nucleic acids containing single nucleotide polymorphisms
methods of use thereof
Patent: WO 0140521-A 5327 07-JUN-2001;
Curagen Corporation (US)
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Mammalia, Eutheria, Primates,
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Sequence 6480 from Patent
AX163152
                                                                               AX163246
Sequence 6574 from Patent
AX163246
                                                                                                                                                                                                                                       45;
                                                                                                                                                                                                                                                                                                                                                                                                         Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 6480 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                           Homo sapiens
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                          Homo sapiens
                                                                     AX163246.1
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/db_xref="taxon:9606"
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Accession number cg43993862"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                                 organism="Homo sapiens"
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88.2%;
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88.2%; Pred. No. 95
                                          (human)
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Pred. No. 95;
0; Mismatches
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WO0140521.
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WO0140521.
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AX163313/c
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AX163310/c
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Matches 45; Conserv
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 6574 07-JUN-2001;
Curagen Corporation (US)
                                                                                                                     AX163313
Sequence 6641 from Patent
AX163313
AX163313.1 GI:14544644
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 6638 07-JUN-2001;
Curagen Corporation (US)
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Shimkets,R.A. and Leach,M. Nucleic acids containing &
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Homo sapiens
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                                                                            Homo sapiens
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                                                                                          Homo sapiens (human)
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Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                              Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Accession number cg43926000"
                                                                                                                                                                                                                                                                                                                                                                 Accession number cg39667665"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 95;
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Pred. No. 95;
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   single nucleotide polymorphisms and
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WO0140521.
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                                              Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX163451/c
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AX163396/c
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Patent:
Curagen
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AX163451
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45; Conserv
Nucleic acids containing single nucleotide polymorphisms methods of use thereof Patent: WO 0140521-A 6779 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                           1 Similarity
45; Conserv
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                                                                              Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                       Homo sapiens
                                                                                                                                                                                        AX163451
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Mammalia; Eutheria; Primates;
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                                                  Shimkets, R.A. and Leach, M.
                                                                                                                  Homo sapiens (human)
                                                                                                                                               AX163451.1 GI:14544782
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Accession number cg42868441"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 95;
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                                                                              Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX190286/c
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AX199256
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Matches 45
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Curagen
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AX190286
AX190286.1 GI:15143665
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AX199256
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                       Curagen
                                                                     Patent:
                                                                                               Shimkets,R.A. and Leach,M.D.
Nucleic acids containing single nucleotide polymorphisms
                                                                                                                                        Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                    Homo sapiens
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                                          WO 0151670-A 186 19-JUL-2001;
Corporation (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="unassigned DNA"
/db xref="taxon:9606"
/note="1 of 2 allelic variants (466 is entry)-Accession number cg43080072"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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organism="Homo sapiens"
/mol_type="unassigned DNA"
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Pred. No. 95;
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Catarrhini; Hominidae
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                                                                                                                                                         Euteleostomi;
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AX199318/c
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                                                                               Shimkets,R.A. and Leach,M.D.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0151670-A 253 19-UUL-2001;
Curagen Corporation (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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nilarity 88.2%;
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248 from Patent WO0151670.
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26
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Accession number cg39662754"
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/db_xref="taxon:9606"
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/note="1 of 2 allelic variants (254 is other entry)
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Pred. No. 95;
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AX199336/c
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KEYWORDS
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DEFINITION
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AX199365/c
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Sequence 295 from Patent
AX199365
AX199365.1 GI:15389753
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                                                                                                                                  methods of use thereof
Patent: WO 0151670-A 295 19-JUL-2001;
Curagen Corporation (US)
                                                                                                                                                                        Shimkets, R.A. and Leach, M.D. Nucleic acids containing single nucleotide
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Nucleic acids containing single nucleotide
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                         /note="1 of 2 allelic variants Accession number cg39667665"
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Accession number cg43011316"
                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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AX199404/c
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AX199370/c
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ACCESSION
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TITLE
Query Match
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Matches 45; Conservative
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0151670-A 334 19-JUL-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                   Sequence 334 from Patent
AX199404
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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 Conservative
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Accession number cg43973526"
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/db_xref="taxon:9606"
                                                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                     note="2 of 2 allelic variants"
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AX163202
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Stoppa-Lyonnet,D., Duponchel,C., Meo,T.,
Arala-Chaves,M., Cohen,J.H., Dewald,G.,
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Am. J. Hum. Genet. 49 (5), 1055-1062 (1991)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                               Patent:
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llarity 88.2%;
Conservative
                                                                                                                                                                  WO 0140521-A 6530 07-JUN-2001;
Corporation (US)
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                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /gene="C1-inhibitor"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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                                            /note="2 of 2 allelic variants
Accession number cg38629253"
                                                                                                                                                  ocation/Qualifiers
 4.2%;
93.5%;
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Pred. No. 95;
 Score 41.2; DB 1; Pred. No. 97;
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Patent: WO 0129262-A 1204 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 3300 from Patent
AX118177
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Patent: WO 0129262-A 3300 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                           Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 86.3%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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 51 bp
from Patent WO0140521
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Pred. No. 1e+02;
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          AX162706 51 bp D
Sequence 6034 from Patent WO0140521.
AX162706
AX162706.1 GI:14544037
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0110521-A 3757 07-JUN-2001;
Curagen Corporation (US)
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Sequence 3757 from Patent
AX160429
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Accession number cg43919529"
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Accession number cg44927553"
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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AX199367/c
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AX199367
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Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata;
                                                                                                                                                                                                                                                                                                                                                                     Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0138586-A 36 31-MAY-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 36 from Patent AX164841 AX164841.1 GI:14545670
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Location/Qualifiers
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Mammalia; Eutheria;
                                                      AX199367.1 GI:15389756
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                             297 from Patent
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Accession number cg44913901"
                                                                                                                                                                                                                                                                /note="single nucleotide polymorphism
Accession number cg43974968"
                                                                                                                                                                                                                                                                                                                                                           Location/Qualifiers
                                                                                                                                                                                                                                                                                                   mol_type="unassigned
db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                organism="Homo sapiens"
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Pred. No. le+02;
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Pred. No. 1e+02;
0; Mismatches
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WO0138586.
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    Vertebrata; Euteleostomi;
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Sequence 21 from Patent W003093826.
AX957068
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Benjamin,S., Clusel,C., Daury,A. and Essioux,L. Assays for identifying cholesterol - lowering m Patent: WO 03093826-A 21 13-NOV-2003; Clinigenetics (FR)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mammalia;
1 (bases 1 to 47)
Cohen.p., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 2999 25-MAR-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens
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                                                                                   Unclassified
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Accession number cg39667665"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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87.8%;
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Pred. No. 1e+0
0; Mismatches
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6537751.
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A68621/c
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Best Local Similarity
Matches 40; Conserv
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Best Local S
Query Match 4.0
Best Local Similarity 89.0
Matches 43; Conservative
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AX199670
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Resnick, M.A., Larionov, V.L., Kouprina, N.Y. and Perkins, E.L.
TRANSFORMATION-ASSOCIATED RECOMBINATION CLONING
Patent: WO 9801573-A 1 15-JAN-1998;
                                                                                                                                                                          Shimkets,R.A. and Leach,M.D.
Nucleic acids containing single nucleomethods of use thereof
Patent: WO 0151670-A 600 19-JUL-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                          Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  unclassified.
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600 from Patent WO0151670.
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1 from Patent WO9801573.
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="genomic
                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                            Accession
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                                                                           /note="Nucleotide deleted between bases Accession number cg43130275"
                                                                                                                                                                Location/Qualifiers
                                                    /note="2 of 2 allelic variants (599 is other
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Pred. No. 1e+02;
1; Mismatches
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  1.1e+02;
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AX520215/c
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AX514184/c
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Best Local Similarity
Matches 39; Conserv
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Sequence
AX709022
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                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6413 from Patent AX520215
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Sequence 382 from Patent
AX514184
                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates;
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Homo sapiens
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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97.5%;
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1; Mismatches
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AX709023
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AX515112
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Best Local Similarity 100.0%;
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                                          Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                 Sequence 1310 from Patent AX515112
                                                                                                                                                                                                                                                                                                                                                                                                                                          Peptides effective in the treatment of tumors requiring the removal or destruction of cells Patent: WO 03008443-A 47 30-JAN-2003;

Nymox Corporation (CA)
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synthetic construct
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Nakamura,Y., Sekine,A., Iida,A. an Detection of genetic polymorphisms
                                                                                   Homo sapiens (human)
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/mol_type="unassigned DNA"
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02052044-A 1310 04-JUL-2002;

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                         40;
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Cohen.D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 2353 25-MAR-2003;
Location/Qualifiers
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Sequence 2353 from pater
AR290618
AR290618.1 GI:31677902
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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1; Mismatches
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Pred. No. 1e+02;
                           Score 38.8; DB 1;
Pred. No. 1.2e+02;
1; Mismatches 3;
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                                                               Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                    829 GACCTTGTGATCTGCCTGCCTCGGCCTCCCAAAGTGCTGG 868
               673 GCTCACTGCAACCTCTGCCTCCCGGGTTCAAGTTATTCTC
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 46
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Homo sapiens 4000 year old remains
fragment 11:2.
L36835
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                                                                                                                                                                                                                                                                                              Sequence
AR289586
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Original source text: Homo sapiens (individual_isolate 4000 year old remains from Nekht-ankh) liver DNA.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Ancient DNA: extraction, characterization, molecular cloning, enzymatic amplification proc. Natl. Acad. Sci. U.S.A. 86 (6), 1939-1943 (1989)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                   l Similarity
38; Conserv
                                                                                                                                           1 (bases 1 to 47)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 1321 25-MAR-2003;
Location/Qualifiers
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                                                                                                                                                                                                                                          Unknown
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 GCTCACTGCAACCTCTGCCTCCYGGGTTCAAGTGATTCTC
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                                                   3.8%;
ilarity 95.0%;
Conservative
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<1. .>41
                                                                                                                                                                                                                                                                                                         47 bp DN
1321 from patent US 6537751.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol type="genomic DNA"
/isoTate="4000 year old remains
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /rpt_family="Alu"
                                                                                                      /mol_type="genomic
                                                                                                                    organism="unknown"
                                                                                                                                                                                                                                                                                 GI:31676870
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97.5%;
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                                                   Score 38; DB 1;
Pred. No. 1.4e+02;
1; Mismatches 1
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Pred. No. 1.1e+02;
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                                                                             Length 47;
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AX514709/c
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AX514175/c
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AX183780/c
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37; Conserv
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              Homo sapiens (human)
                                                                   Sequence 907 from Patent AX514709
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Location/Qualifiers
  Eukaryota;
                                                       AX514709.1 GI:23561321
                                                                                               AX514709
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Patent: WO 0142511-A 1533 14-JUN-2001;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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larity 92.5%;
Conservative C
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN/db_xref="taxon:9606"
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Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Pred. No. 1.6e+02;
1; Mismatches 3;
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AX519821
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Best Local S
Matches 37
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Matches 37; Conserv
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                                                                                                Nakamura,Y., Sekine,A., Iida,A. and Saito, Detection of genetic polymorphisms Patent: WO 02052044-A 6019 04-JUL-2002;
                                                                                                                                                                Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                 Sequence 6019 from Patent AX519821
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Sequence 2293 from Patent
AX516095
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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Pred. No. 1.6e+02;
1; Mismatches
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Pred. No. 1.6e+02;
0; Mismatches 2
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Local Similarity 90.2%;
les 37; Conservative
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AX520717
AX520717.1 GI:23571369
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Patent: WO 02052044-A 6523 04-UUL-2002;
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                                                                                                                                                                                 Nakamura, Y., Sekine, A., Iida, A. and Saito, S. Detection of genetic polymorphisms
Patent: WO 02052044-A 6915 04-JUL-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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               GGCACCTGCCACCACCACCCCGCTAATTTTTTGTATTTTCA 1083
 GGCACATGCCACCACCCCRGCTAATTTTTGTATTTTCA
                                              3.6%;
nilarity 94.9%;
Conservative 0
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6915 from Patent WO02052044.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNJ
/db_xref="taxon:9606"
                                                                                                  /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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90.2%;
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Pred. No. 1.6e+02;
1; Mismatches 3;
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                                                  Score 35.8; DB 1;
Pred. No. 1.6e+02;
0; Mismatches 2;
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A68622/c
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AX517501
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Sequence 2 from Patent WO9801573.
A68622
A68622.1 GI:4759649
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Nakamura,Y., Sekine,A., Iida,A. and Saito,S. Detection of genetic polymorphisms
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Resnick, M.A., Larionov, V.L., Kouprina, N.Y. and Perkins, E.L.
                                             unidentified
                 unclassified.
1 (bases 1 to 40)
                                                             unidentified
                                                                                                                                                                                                                                                                       h 3.6%; Score 35.4; DB 1. Similarity 87.8%; Pred. No. 1.7e+02. 36; Conservative 2; Mismatches
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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87.8%; Pred. No. 1.7e+02;
vative 2; Mismatches 3;
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852 GCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCA 886
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US HEALTH
                                   Similarity
35; Conserv
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Kwok, P.-Y. and Chen, X.
Method for nucleic acid analysis using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 9 from AR125309
                                                                                                                                      METHOD OF DETECTING DNA SEQUENCE VARIATION Patent: WO 9213101-A 3 06-AUG-1992;
                                                                                                                                                                                            synthetic construct synthetic construct
                                                                                                                                                                                                                             A25212.1 GI:904592
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  energy transfer
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                                                                                                                                                                       artificial sequences.
1 (bases 1 to 35)
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                                   ilarity 100.0%;
Conservative (
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                                                                             /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32644"
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                                                                                                                                                                                                                                                                                                                                                                                                                      organism="unknown"
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100.0%; Pred. No. 1.5e+C
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Pred. No. 1.7e+02;
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Pred. No. 1.7e+02;
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                                   1.5e+02;
hes 0;
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OS None
OC Artificial sequences.
PN JP 1995115999-A/3
PD 09-MAY-1995
PF 22-MAY-1995
PF 22-MAY-1992 JP 1992130668
PF 22-MAY-1992 JP 1992130668
PF 22-MAY-1992 JP 1992130668
PI ANDOREASU HERARUDOUSU AITSUTERURINDEN, YA
C12Q1/68, C12N15/00, GOLNZ7/447, GOLNZ7/447;
CC strandedness: Single;
CC topology: Linear;
PH Key Location/Qualifiers
PH Key 1...35
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Andoreasu,H.A. and Yan,F.
DETECTING METHOD FOR DNA ARRANGEMENT VARIATION
PATENT: JP 1995115999-A 3 09-MAY-1995;
INGENII BV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ch 3.5%; Score 35; DB 1; Li
1 Similarity 100.0%; Pred. No. 1.5e+02;
35; Conservative 0; Mismatches 0;
                                                                                                                                                      Disease risk estimating method using se specific region of chromosome 19 Patent: WO 2004003229-A 92 08-JAN-2004; Aarhus University (DK); Arbejdsmilj In Institute of Occupational Health) (DK)
                                                                                                                                                                                                                                                                                                                      synthetic construct
synthetic construct
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Sequence 92 from Patent
CQ760650
CQ760650.1 GI:44904153
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Synthetic DNA for Alu
E09140
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Score 34.8;
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Patent: WO 02052044-A 1335 04-JUL-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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ilarity 90.0%;
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7543 from Patent WO02052044.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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1; Mismatches 3;
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Pred. No. 1.8e+02;
1; Mismatches 3;
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Pred. No. 1.8e+02;
1; Mismatches 3;
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AX514146
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Patent: EP 0518583-A 10 16-DEC-1992;
IMPERIAL CHEMICAL INDUSTRIES PLC
Location/Qualifiers
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                                                                                                                                                                             Sequence 344 from Patent WO02052044. 
AX514146
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Patent: US 5525467-A 10 11-JUN-1996;
Location/Qualifiers
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                                                                                                                   Homo sapiens (human)
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                            Nakamura, Y., Sekine, A., Iida, A. and Saito, S. Detection of genetic polymorphisms Patent: WO 02052044-A 344 04-UUL-2002;
                                                                                     Eukaryola; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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94.3%; Pred. No. 1.7e+02;
ative 2; Mismatches 0;
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Pred. No. 1.7e+02;
2; Mismatches 0;
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Sequence 346 from Patent
AX514148
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                  Sequence 742 from Patent W002052044.
AX514544
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                  CCTTGTGATCTGCCTGGCCTCGGCCTCCCAAAGTGCTGGGAT 871
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COTOCTGATTTGCCCACCTCRGCCTCCCAAAGTGCTGGGAT 41
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ilarity 87.8%;
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                                                                                                          /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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87.8%;
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                                                      Score 34.2; DB 1; Length 41; Pred. No. 2e+02; 1; Migmatches 4; Indels
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AX519815
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AX520299
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Best Local Similarity 87.8%;
Matches 36; Conservative
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Matches 36; Conserv
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Riken (JP)
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                            Sequence 6497 from Pate:
AX520299
AX520299.1 GI:23570841
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Detection of genetic polymorphisms
Patent: WO 02052044-A 6333 04-JUL-2002;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 6333 from Patent
AX520135
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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Pred. No. 2e+02;
1; Mismatches 4
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Sequence 8 f
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Mammalia; Eutheria;
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                             energy transfer
Patent: US 6177249-A 8 23-JAN-2001;
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Kwok,P.-Y. and Chen,X.
Method for nucleic acid analysis using fluorescence resonance
                                                                                                                         Unclassified.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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'mol_type="unassigned DNA'
          organism="unknown"
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Pred. No. 2e+02;
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                  361 TCAAGCAGTCCACCTGCCTCAGCCTCCCAAAGTGCTGGGAT 401
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Sequence 36 from Patent W003008443.
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                                                                                                                                                                               Nakamura, Y., Sekine, A., Iida, A. and Saito, S. Detection of genetic polymorphisms Patent: WO 02052044-A 764 04-JUL-2002;
                                                                                                                                                                                                                                    Bukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                                      Riken (JP)
                                                                                                                                                                                                                                                                Homo sapiens
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                                               3.3%;
ilarity 87.8%;
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/db_xref="taxon:32630"
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                                                                                                   /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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100.0%; Pred. No. 1.8e+C
tive 0; Mismatches
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                                                Score 33; DB 1
Pred. No. 2.3e-
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Pred. No. 2.1e+02;
0; Mismatches 4;
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RESULT 182
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                                                                                 Sequence 3700 from Patent AX517502
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Sequence 6355 from Patent
AX520157
        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                       Nakamura,Y., Sekine,A., Iida,A. and Saito,
Detection of genetic polymorphisms
Patent: WO 02052044-A 2294 04-UUL-2002;
                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                               Homo sapiens
                                            Homo sapiens (human)
                                                                     AX517502.1 GI:23566161
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ilarity 89.5%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 2.3e+02;
0; Mismatches 5
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Pred. No. 2.4e+02;
1; Mismatches 3;
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Query Match
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Best Local Similarity 87.5%;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                            synthetic construct artificial sequences.
1 (bases 1 to 35)
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Oligonucleotide.
A22673
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Detection of genetic polymorphisms
Patent: WO 02052044-A 5315 04-JUL-2002;
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AX519117
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Patent: EP 0518583-A 11 16-DEC-1992
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
                                                    /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 2.4e+02;
1; Mismatches 3
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Pred. No. 2.6e+02;
Score 31.8; DB 1;
Pred. No. 2.3e+02;
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OTSUKA PHARWACEUTICAL CO LTD
OS Unidentified
PN JP 2001352985-A/4
PD 25-DEC-2001
PF 12-JUN-2000 JP 2000174946
PI JOJI INASAWA, YASUNARI IMO
PC C12N15/09, A61K39/395, A61K
PC C07K16/32,
PC C07K16/32,
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Nucleotide sequences
Patent: US 5525467-A 11 11-JUN-1996;
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I21797
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JP 2001352985-A/4.
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Inasawa, J. and Imoto, Y.
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ilarity 77.1%;
Conservative
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JOJI INASAWA, YASUNARI IMOTO
C12N15/09, A61K39/395, A61K39/395, A61K48/00, A61P35/00, C07K14/82,
                                                                                                                                                              C12N15/00, C12N5/00
                                                                                                                                                 Primer PDJ34
                                                                                                                                                                                                                                                                                                                                JP 2001352985-A 4 25-DEC-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="unknown"
/mol_type="unassigned DNA"
                                                                                          /organism='Unidentified'.
Location/Qualifiers
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                                        /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
 3.2%;
77.1%;
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                                                                                                                                     Location/Qualifiers
 Score 31.8; DB 1;
Pred. No. 2.3e+02;
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PC G01N33/574
CC Primer PDJ34 FH Key L
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GASC1 ger
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1 (bases 1 to 35)
Inazawa, J. and Imoto, I.
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WO 0196566-A/4
32;
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                                                                                                                                                             synthetic construct synthetic construct
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                                                                                       METHOD OF DETECTING DNA SEQUENCE VARIATION Patent: WO 9213101-A 4 06-AUG-1992; Location/Qualifiers
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            Similarity
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12-JUN-2000 JP 00P 174946
JOJI INAZAWA, ISSEI IMOTO
C12N15/12,C12N1/15,C12N1/19,C12N1/21,C12N5/00,C12Q1/68 PC
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WO 0196566-A/4
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                               /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                           /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                GI:904593
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          3.2%;
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Score 31.4; DB 1;
Pred. No. 2.4e+02;
1; Mismatches 2;
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Pred. No. 2.3e+02;
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E 1 (bases 1 to 35)

S Andoreasu, H.A. and Yan, F.

INGENII BV

OS None
OC Artificial sequences.
DY 199511599-A/4

PD 09-MAY-1995
PF 22-MAY 1992 JP 1992130668
PF 22-MAY 1995 JP 1992130668
PF
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                                                                                                     WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
Biotherapeutics Corporation (CA)
Location/Qualifiers
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AX183747 .
AX183747.1 GI:15135072
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E09141
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Homo sapiens
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Patent: WO 0142511-A 1500 14-JUN-2001;
                                                                                                                                                                                                                                      Daly, M., Hudson, T.J., Lander, E.S., Rioux, J.
                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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/db_xref="taxon:32644"
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 2.4e+02;
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AX709013
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KEYWORDS
SOURCE
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BD070533/c
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Matches 30
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Best Local Similarity
Matches 32; Conserv
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                                          OS Uniden
PN JP 200
PD 04-SEB
PF 26-FEB
PF 26-FEB
PR SUZAMN
PC C07H21
A61K49/00
CC Transg
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30; Conserv
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                                                                                                                                                                                                       1 (bases 1 to 30)
Monte,S.D. and Wands,J.R.
Monte,S.D. and Wands,J.R.
Transgenic animals and cell lines for screening drugs
the treatment or prevention of Alzheimer's disease
Patent: JP 2001513777-A 8 04-SEP-2001;
THE GENERAL HOSPITAL CORP
                                                                                                                                                                                                                                                                                                                                         BD070533.1 GI:22616136
JP 2001513777-A/8.
                                                                                                                                                                                                                                                                                                                                                                                    BD070533 30 bp DNA Transgenic animals and cell lines for scree the treatment or prevention of Alzheimer's
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Nymox Corporation (CA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Peptides eefective in the treatment of tumors requiring the removal or destruction of cells Patent: WO 03008443-A 37 30-JAN-2003;
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AX709013
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      artificial sequences.
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treatment or prevention of Alzheimer's disease Location/Qualifiers
                                                                                                   26-FEB-1998 JF 1998537813
66-FEB-1997 US 60/038908
SUZANNE DELA MONTE.JACK R WANDS
C07H21/02,C07H21/04,C12N5/00,C12N15/00,C12Q1/02,A61K48/00,
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                           Transgenic animals and cell lines for screening drugs effective for the
                                                                        Strandedness: Single;
                                                                                                                                                               04-SEP-2001
                                                                                                                                                                              JP 2001513777-A/8
                                                           Topology: Linear,
                                                                                                                                                                                            Unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noEe="Synthetic oligonucleotide"
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; Pred. No. 2.5e+0
0; Mismatches
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Pred. No. 2.9e+02;
0; Mismatches 4;
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hes 0;
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screening drugs effective
mer's disease.
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BD070535/c
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I23817/c
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OS Uniden
PN JP 200
PD 04-SEP
PF 26-FEB
PR 26-FEB
PI SUZANN
PC C07H21
A61K49/00
CC Transg
CC Transg
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                                       Sequence
I23817
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Monte, S.D. and Wands, J.R.
Transgenic animals and cell lines for screening drugs effective for
the treatment or prevention of Alzheimer's disease
Patent: JP 2001513777-A 10 04-SEP-2001;
THE GENERAL HOSPITAL CORP
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BD070535.1 GI:22616138
JP 2001513777-A/10.
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30 bp DNA linear PAT 27-AUG-2002 Transgenic animals and cell lines for screening drugs effective for treatment or prevention of Alzheimer's disease
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                          123817.1
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                                                                                                                                                          GATGGGGTTCACCATGTTCGCCAGGTTGAT 817
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Transgenic animals and cell lines
effective for the
                                                                                                                                                                                                                                                                                                                                                                                                                                26-FEB-1998 JP 1998537813
26-FEB-1997 US 60/038908
SUZANNE DELA MONTE, JACK R WANDS
CO7H21/02, CO7H21/04, C12N5/00, C12N15/00, C12Q1/02, A61K48/00,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unidentified
JP 2001513777-A/10
04-SEP-2001
                                                                                                                                                                                                                                                                                                                                  treatment or prevention of Alzheimer's Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                     /organism="unidentified"
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/db_xref="taxon:32644"
                                                   3 from patent
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                          GI:1603687
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    /organism='Unidentified'

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                                                                                                                                                                                                 Score 30; DB 1; I; Pred. No. 2.5e+02;
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2.5e+02;
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KEYWORDS
SOURCE
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AX115650/c
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A84718
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Best Local Similarity
Matches 27; Conserv
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Siciliano,M.J. and Liu,P.
In-situ hybridization probes for identification specific human chromosomes and regions Patent: US 5538869-A 3 23-JUL-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 29)
Farinelli,L. and Mayer,P.
METHOD OF NUCLEIC ACID SEQUENCING
PARENT: WO 9844152-A 11 08-OCT-1998;
FARINELLI LAURENT (CH); MAYER PASCAL
LOCATION/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A84718
Sequence 11 from
A84718
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unclassified.
                                                          Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods
Patent: WO 0129262-A 773 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                       synthetic construct synthetic construct
                                                                                                                                                                                                         Sequence 773 from Patent
AX115650
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                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="primer"
                                                                                                                                                                                              GI:14032592
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96.6%;
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Pred. No. 3.5e+02;
2; Mismatches 1
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Pred. No. 3.4e+02;
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0

Mismatches

WO03008443

27 å

DNA

linear

PAT 04-APR-2003

and

other conditions

Score 27.4; DB 1; Pred. No. 3.7e+02;

Length 32;

Indels

<u>,,</u>

Gaps

0

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774 GTATTTTTAGTAGAGATGGGGTTCACCAT 802
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synthetic construct
artificial sequences.
1 (bases 1 to 32)
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                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 32)
Andoreasu, H.A. and Yan, F.
DETECTING METHOD FOR DNA ARRANGEMENT VARIATION
Patent: JP 1995115999-A 5 09-MAY-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  inter-Alu specific primer
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22-MAY-1992 JP 1992130668
ANDORRASU HERARUDOUSU AITSUTERURINDEN,
ANDORRASU HERARUDOUSU AITSUTERURINDEN,
1/68,C12N15/00,G01N27/447,G01N27/447;
strandedness: Single;
                                                                                                                                                                                                                                                           Artificial sequences. JP 1995115999-A/5
                                                       /note='Alu
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2.8%;
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Pred. No. 3.4e+02;
0; Mismatches 1;
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                                                                                                       organism='Artificial sequences'
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Pred. No. 3.7e+02;
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AUTHORS
TITLE
   RESULT 202
AR072580/c
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AR051440/c
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Matches 27
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Best Local Similarity
Matches 28; Conserv
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Peptides eefective in the treatment of tumors requiring the removal or destruction of cells patent: WO 03008443-A 35 30-JAN-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               synthetic construct synthetic construct
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de la Monte,S. and Wands,J.R.
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                                                                                                                                                                                                                                                              disease
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                                                                                                                                        Similarity
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llarity 100.0%;
Conservative (
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                                                                                                                                                                                                                               US 5830670-A 6 03-NOV-1998;
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /note="Synthetic oligonucleotide"
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Mismatches

DNA

linear

PAT 29-SEP-1999

Score 27; DB 1; Pred. No. 3.3e+0

.3e+02;

Indels

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Gaps

0;

Length 27;

REFERENCE AUTHORS TITLE JOURNAL

FEATURES

KEYWORDS SOURCE DEFINITION ACCESSION VERSION

A25214

GI:904594

ORGANISM

RESULT 198 A25214 LOCUS

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Matches

Best Local Query Match

Similarity

2.8%; 96.6%;

Conservative

밁

29

REFERENCE AUTHORS TITLE

JOURNAL

INGENII BV

COMMENT

OS None
OC Artifici
PN JP 19951
PD 09-MAY-1
PP 22-MAY-1
PI ANDOREAS
C12Q1/68,C12N
CC stranded
CC topology
FH Key
FH source
FT source
FT source
FT feature

topology:

0;

Mismatches

Score 26.4; DB Pred. No. 4e+02;

1; ۲.

Length 30;

0

0

FEATURES

source

SOURCE ORGANISM

DEFINITION ACCESSION VERSION KEYWORDS

E09142.1 GI:22025 JP 1995115999-A/5. Synthetic DNA for Alu

GI:22025768

unidentified unidentified

unclassified.

RESULT 199 E09142 LOCUS

E09142

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Query Match
Best Local Similarity
Matches 28; Conserv

Conservative

379

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REFERENCE
AUTHORS
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AR073125/c
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AX184049/c
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Matches 27
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AR073125
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Patent: US 5948634-A 6 07-SEP-1999;
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Sequence 1802 from Patent
AX184049
AX184049.1 GI:15135386
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                    Unclassified
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          Ibd-related polymorphisms
Patent: WO 0142511-A 1802 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
                                                                                         Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                         Similarity
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Biotherapeutics Corporation (CA)
                                             Daly,M., Hudson,T.J., Lander,E.S., Rioux,J.
                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                            TCAAGCGATTCTCCTGTCTCAGCCTCCC 1027
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/mol_type="unassign
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/mol_type="unassigned DNA"
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Pred. No. 4e+02;
0; Mismatches
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Pred. No. 4e+02;
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5948888.
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AUTHORS Transgenic animals and cell lines for screening drugs effective for the treatment or prevention of Alzheimer's disease

JOURNAL Patent: JP 2001513777-A 9 04-SEP-2001;
THE GENERAL HOSPITAL CORP
OS Unidentified
PN JP 2001513777-A/9
PD 04-SEP-2001
PF 26-FEB-1998 UP 19985777
PR 26-FEB-1997 UP
PC 5072ANNF 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    KEYWORDS
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                                                                                 RESULT 206
AR051439/c
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Best Local S
Matches 28
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Best Local S
Matches 26
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Local Similarity 87.5%;
hes 28; Conservative
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                                                                                                                                                    555
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CC Strand
CC Topolo
CC Transg
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                                                 Sequence
AR051439
    Unknown
               Unknown.
                                      AR051439.1
                                                                    AR051439
                                                                                                                                                                                     Similarity
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                                                                                                                                              GTAGCTGGGACCAAAGACATGCACCA 580
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llarity 100.0%; F
Conservative 0;
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                                                            5 fxom
                                                                                                                                                                                                                                                                     /organism='Unidentified'
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                      /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                       GI:5974803
                                                           patent
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%; Pred. No. 3.7.
0; Mismatches
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Pred. No. 4.3e+
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5830670.
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4.3e+02;
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Unclassified.

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PAT 31-JAN-2002

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AR073124/c
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AR072579/c
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980 GCAACCTCTGCCTCCCGGGCTCAAGCGAT 1008
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Patent: US 5830670-A 5 03-NOV-1998;
Location/Qualifiers
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Sequence 5 from patent US
AR073124
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AR072579
AR072579.1 GI:9999343
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27; Conserv
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de la Monte,S. and War
Neural thread protein
                                                                                                                                                                        Patent: US 5948888-A 5 07-SEP-1999;
Location/Qualifiers
                                                                                                                                                                                                              disease
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Similarity 93.1%;
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                                                       Similarity
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/mol_type="unassigned DNA"
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Pred. No. 4.3e+02;
0; Mismatches 2;
                                 Score 25.8; DB 1;
Pred. No. 4.3e+02;
0; Mismatches 2
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Pred. No. 4.3e+02;
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BD002452/c
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ACCESSION
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HSLAS103/c
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Matches 27; Conserv
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                                                                                                                                                                        96188852
8614621
 UK
Related sequence: Proc.Natl.Acad.Sci. USA 85:4775-4778(1988)
Location/Qualifiers
                                                                       Direct Submission
Submitted (14-SEP-1995) P.R. Cool
Pathology, University of Oxford,
                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 32)

Jackson, D. A., Bartlett, J. and Cook, P.R.

Sequences attaching loops of nuclear and mitochondrial DNA to sequences attaching loops of nuclear and mitochondrial DNA to underlying structures in human cells: the role of transcription
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X91590
                                                                                                                                   Cook, P.R.
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Homo sapiens (human)
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nilarity 87.1%;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 4.4e
1; Mismatches
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                                                                           k, Sir William Dunn
South Parks Road, C
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Oxford, School of Oxford, OX1 3RE

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Farinelli,L. and Mayer,P.
METHOD OF NUCLEIC ACID SEQUENCING
PARENT: WO 9844152-A 12 08-OCT-1998;
FARINELLI LAURENT (CH); MAYER PASCAL
Location/Qualifiers
                                                                                                                                                                                                                                AX116662
Sequence 1785 from Patent
AX116662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       unidentified unidentified
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Sequence 12 from Patent WO9844152.
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                                                                                                 Picoult-Newburg,L. and Pohl,M. Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 1785 26-APR-2001; Orchid BioSciences, Inc. (US)
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                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/cell_line="HeLa"
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                                        /mol_type="unassigned
/db_xref="taxon:32630"
                                                     organism="synthetic construct"
/mol type="unassigned DNA"
                                                                                           ocation/Qualifiers
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Pred. No. 4.1e+02;
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AX118407
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Location/Qualifiers
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                                                                                                                                                                                                             1 (bases 1 to 25)
Cloyd, M.W., Yeh, C.-C. and Chen, J.
PCR-hybridization assays specific for
Patent: US 6448014-A 4 10-SEP-2002;
Location/Qualifiers
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Sequence 3595 from Patent
AX118472
AX118472.1 GI:14035423
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                                                                                                                                                                                                                                                                       Unclassified.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="genomic
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Sequence 1924 from Patent
AX184171
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synthetic construct
Patent: WO 0142511-F
WHITEHEAD INSTITUTE
              Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Ibd-related polymorphisms
Patent: WO 0142511-A 1924 14-JUN-2001;
                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                              Homo sapiens (human)
                                                                                                                                          AX184171.1 GI:15135513
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               neoplastic disease
Patent: WO 0240716-A 179 23-MAY-2002;
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/mol type="unassigned DNA"
/db xref="reaxon:32630"
/noTe="Primer"
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/db_xref="taxon:32630"
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Unclassified.

1 (bases 1 to 26)

1 (bases 1 to 26)

Chenchik, A., Jokhadze, G. and Bibilashvilli, R.

Methods of assaying differential expression

Patent: US 5994076-A 66 30-NOV-1999;

Location/Qualifiers

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Sequence 66
AR089946
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Sequence
AR090952
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                                                                                                                                     Unclassified.
1 (bases 1 to 26)
Chenchik,A., Jokhadze,G. and Bibilashvilli,R. Methods of assaying differential expression Patent: US 5994076-A 1072 30-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Biotherapeutics Corporation (CA)
Location/Qualifiers
                                                                                                                                                                                              Unknown.
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/mol_type="unassigned DN
/db_xref="taxon:9606"
                                                                                                                          Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 4.7e+02
0; Mismatches
                                                       Score 24.4; DB 1
Pred. No. 4.5e+02
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RESULT 220

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AR197987
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FEATURES
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Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 6352829-A 66 05-MAR-2002;
Location/Qualifiers
                                                                                                                                               Sequence
AR259135
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                                Chenchik,A., Jokhadze,G. and Bibilashvilli,R. Methods of assaying differential expression Methods of 489455-A 66 03-DEC-2002; Patent: US 6489455-A 66 03-DEC-2002;
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1 (bases 1 to 26)
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
   /mo]
           organism="unknown'
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_type="genomic DNA"
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Pred. No. 4.5e
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Pred. No. 4.5e+02;
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AR260141
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RESULT 225
AX184122
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Best Local Similarity
Matches 25; Conserv
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AR260141
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Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 6489455-A 1072 03-DEC-2002;
Location/Qualifiers
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Sequence 1857 from Patent
AX184104
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Patent: WO 0142511-A 1857 14-JUN-2001;
WHITCHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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ilarity 96.2%;
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/mol_type="genomic DNA"
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Pred. No. 4.5e+02
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                                                                                                      Score 24.4; DB 1;
Pred. No. 4.8e+02;
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Biotherapeutics Corporation (CA)
Location/Qualifiers
                                                 synthetic construct synthetic construct
                                                                           E40923.1 GI:22553151 JP 2001095586-A/1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 5590 from Patent AX614565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1875 from AX184122
              Ide, T.,
                       artificial sequences.
1 (bases 1 to 24)
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                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 0142511-A 1875 14-JUN-2001;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                             2.4%;
llarity 89.7%;
Conservative
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                                                                                                              for measuring telomeric \epsilon
Nakamura, Y. and Hirose, M. for measuring telomeric size
                                                                                                                                                                                                                                                                                                                                                                       WO 02072882-A 5590 19-SEP-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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Pred. No. 5.2e+02;
0; Mismatches 4;
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Pred. No. 5.2e+02;
0; Mismatches 3;
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WO02072882
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AB114358
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                       Homo sapiens (human)
Eukaryota; Metazoa;
Mammalia; Eutheria;
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Query Match
Best Local Similarity
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Method for measuring telomeric size
Patent: JP 2001095586-A 3 10-APR-2001;
TOSHINORI IDE
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24; Conserv
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PD 10-APR-2001
PF 30-SEP-1999 JP 1999279948
PF 30-SEP-1999 JP 1999279948
PI TOSHINORI IDE, YASUHIRO NAKAMURA, MINORU HIRO
C12N15/09, C12Q1/68, C12Q1/68, G01N33/50, C12N15/00
Location/Qualifiers.
                             Homo sapiens DNA, HTLV-1 isolate: ATLL case 2.
                                                                                                                                                                                                                                                                                                                                                                    OS Artificial Sequence
pN JP 2001095586-A/3
pD 10-APR-2001
PF 30-SEP-1999 JP 1999279948
PF 30-SEP-1999 JP 1999279948
PF TOSHINORI IDE, YASUHIRO NAKAMURA, MINORU HIROSE
C12N15/09, C12Q1/68, C12Q1/68, G01N33/50, C12N15/00 CC
FH Key Location/Qualifiers.
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                                                                AB114358
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1 (bases 1 to 24)
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AB114358.1 GI:46240697
               AB114358
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Conservative 0;
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JP 2001095586-A/1
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Chordata; Primates;

Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.

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AX174927/c
                                    RESULT 231
AX183874/c
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Location/Qualifiers
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Rapid isolation of viral integration site reveals frequent integration of HTLV-1 into expressed loci
J. Hum. Genet. 49 (3), 154-165 (2004)
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Cell arrays and the uses thereof
Patent: WO 0143869-A 1 21-JUN-2001;
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Sequence 1 from Patent WO0143869
AX174927
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         AX183874
Sequence 1627 from Patent
AX183874
AX183874.1 GI:15135204
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Mammalia; Eutheria; Primates;
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Conservative
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/mol type="genomic DNA"
/isolate="ATLL case 2"
/db xref="taxon:9606"
1. ->27
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/db_xref="taxon:9606"
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Pred. No. 5.2e+02;
0; Mismatches 2
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Methods and compounds for t

BD231999 GI:33041769

BD231999.1 GI:33041769

JP 2002534353-A/24.
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Patent: WO 0142511-A 1627 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Biotherapeutics Corporation (CA)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
artificial sequences.

1 (bases 1 to 25)

Steer,C.J., Kren,B.T., Hyay,P.T.B. and Chowdhury,J.R.

Steer,C.J., Kren,B.T., Hyay,P.T.B. and Chowdhury,J.R.

Methods and compounds for the genetic treatment of hyperlipidemia Methods and compounds for the genetic treatment of hyperlipidemia Methods and compounds for the Genetic JP 2002534353-A 24 15-OCT-2002;

REGENTS OF THE UNIVERSITY OF MINNESOTA, ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY

OS Artificial Sequence
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Sequence 3 from Patent WO9854359
A82465
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            unidentified
                                                                                                                                                                                                                                                                                                                                       24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent: WO 9854359-A 3 03-DEC-1998;
DUFF GORDON (GB); COX ANGELA (GB)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PREDICTION OF INFLAMMATORY DISEASE ASSOCIATED WITH IL-1 GENELOCI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Duff,G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           unclassified.
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                                                                                                                   synthetic construct
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                                                                                                                                synthetic construct
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                                                                                                                                                                                                                                                                                 GGGATTACAGGCGTGAGCCACCGCG
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                                                                                                                                                                                                                                                                                                                                                                                             /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="unassigned DN/
/db_xref="taxon:9606"
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Pred. No. 4.9e
0; Mismatches
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Pred. No. 5.
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e genetic
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                                                                                                                                                                                           of hyperlipidemia.
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SOURCE
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SOURCE
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DEFINITION
ACCESSION
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AX360029
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ACCESSION
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AR282794/c
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PD 15-OCT-2002

PF 28-AUG-1998 JP 2000531065

PR 12-FEB-1998 US 60/074497,30-JUN-1998 US 09/

CLIFFORD J STEER, BETSY T KREN, PARAMITA T BANDYOPAD HYA

JAYANTA ROY CHOWHURY

PC A61K48/00,A61K9/50,A61K9/51,A61K31/711,A61K47/24,

C07H21/04,

PC C12N15/09,C12N15/00

CC Therapeutic Oligonucleotide Fragment

FH Key

FT source /organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                          1113 GGCTGGTCTCAAACTCCTGACCTCA 1137
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AX360029
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AR282794
immune responses
Patent: WO 0200933-A 15 03-JAN-2002;
Interleukin Genetics, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 25)
Steer.C.J., Kren,B.T., Bandyopadhyay,P.
Hepatocellular chimeraplasty
Patent: US 6524613-A 25 25-FEB-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 l Similarity
24; Conserv
                                                      Duff,G.W. and Kornman,K.S. Screening assays for identifying modulators
                                                                                                                 synthetic
                                                                                                                             synthetic construct
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                                                                                                 rtificial sequences
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llarity 96.0%;
Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                          /organism="unknown"
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96.0%;
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Patent W00200933.
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Pred. No. 4.9e+02;
0; Mismatches 1
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                                                                                                                                                                                                                                                                                                                        Score 23.4; DB 1;
Pred. No. 4.9e+02;
0; Mismatches 1
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HYAY, PI
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KEYWORDS
SOURCE
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AX521608/c
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KEYWORDS
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ACCESSION
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AX612649
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 1113 GGCTGGTCTCAAACTCCTGACCTCA 1137
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                        Similarity 24; Conserv
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                                                                                                                                                                                                                                                                                 AX612649
Sequence 3674 from Patent
AX612649
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Oligonuclectides for labeling oligonuclectide
Patent: WO 0228974-A 114 21-MAR-2002;
VENTANA MEDICAL SYSTEMS, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      synthetic construct
synthetic construct
artificial sequences.
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Sequence 114 from Patent
AX521608
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Mammalia; Eutheria;
                                                                                                                                                                                                                                Homo sapiens
                                                                                                                                          OGHAM GmbH (DE)
                                                                                                                                                                                                                                             Homo sapiens (human)
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                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="oligonucleotide probe"
                                                                                                                              Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="Primer"
                                                                                                                                                     02072882-A 3674 19-SEP-2002;
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                                    2.4%;
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Primates;
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Pred. No. 4.9e+02;
0; Mismatches 1
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                        Score 23.4; DB 1;
Pred. No. 4.9e+02;
0; Mismatches 1
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Pred. No. 4.9e+02;
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                                                  DB 1;
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AX692997
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AUTHORS
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SOURCE
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BD124526
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                                                                source
                                                                                                                                                                                                                                                          Patent: JP 2002500513-A 3
INTERLEUKIN GENETICS INC
OS Unidentified
PN JP 2002500513-A/3
PD 08-JAN-2002
PF 21-MAY-1998 JP 199950
PF 22-MAY-1997 GB 971
PI GORDON DUFF, ANGELA CO
PI GIOVINE
PC C1201/68
CC Strandedness: Single;
CC Topology: Linear;
CC Prediction of inflamm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               770 TTTTGTATTTTAGTAGAGATGGGG 794
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        unclassified.

1 (bases 1 to 25)

2 (bases 1 to 25)

3 (bases 1 to 25)

4 (bases 1 to 25)

2 (bases 1 to 25)

3 (bases 1 to 25)

4 (bases 1 to 25)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BD124526 25 bp DNA linear PAT Prediction of inflammatory disease associated with IL-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AX692997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             unidentified
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BD124526
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent: EP 1281758-A 5729 05-FEB-2003;
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                                                                                                                          골골품은
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               polymorphisms
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                                                                                                                                                                                                                                                                                                                                                                                                    21-MAY-1998 JP 1999500358
29-MAY-1997 GB 9711040.7
GORDON DUFF, ANGELA COX, NICOLA JANE CAMP, FRANCESCO SAVERIO DE
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                                                                                                                                                                                                                                     Topology: Linear;
Prediction of inflammatory disease
geneloci
                                                                                                                                                  source
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                                                                                                                                                                                                            polymorphisms
                                                                                                                                                                                                                                                                                                                          Strandedness: Single;
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/mol_type="unassigned DN
/db_xref="taxon:9606"
                                                                                     /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.4%;
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Pred. No. 4.9e+02;
0; Mismatches 1
                                                                                                                                                                              Location/Qualifiers
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geneloci
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REFERENCE
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SOURCE
ORGANISM
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AX116284/c
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KEYWORDS
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ACCESSION
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AR381743/c
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Matches 24
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Best Local S
Matches 24
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                     673 GCTCACTGCAACCTCTGCCTCCCGGGT 699
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AR381743
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Cytokine-like proteins that promote cell
Patent: US 6610285-A 18 26-AUG-2003;
                                            24;
                                                                                                                                                                      Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 1407 26-APR-2001; Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                              AX116284 27 bp D
Sequence 1407 from Patent WO0129262.
AX116284
AX116284.1 GI:14033226
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                                                                                                                                                                                                                                                 artificial sequences.
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GCTCACTGNAACCTCTGCCTCCGGGNT 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unknown"
/mol_type="genomic DNA"
                                                                                          /note="n = C3 linker"
                                                                                                                 /note="Primer"
                                                                                                                           /mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                  organism="synthetic construct"
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from patent US 6610285.
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Pred. No. 5.3e
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Pred. No. 4.9e+02;
                                                       Score 23.4; DB 1
Pred. No. 5.3e+02
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DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
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ACCESSION
VERSION
KEYWORDS
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AX184109/c
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ACCESSION
VERSION
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AX184048/c
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Sequence 38 from Patent WO03008443.
AX709014
                                                                                                                                                                                                                                                                                          Ibd-related polymorphisms
Patent: WO 0142511-A 1801 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RES
Biotherapeutics Corporation (CA)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Averback, P.A.
Peptides eefective in the treatment of tumors requiring the removal or destruction of cells Patent: WO 03008443-A 38 30-JAN-2003;
Nymox Corporation (CA)
                                              Sequence 1862 from Patent AX184109 AX184109.1 GI:15135449
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1801 from Patent AX184048
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            Homo sapiens (human)
Homo sapiens
                                                                                      AX184109
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                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                                                                                                                                                                                                                         Daly, M., Hudson, T.J., Lander, E.S., Rioux, J. and Siminovitch, K.
                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens (human)
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                                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 5.4e+02;
0; Mismatches 1
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                                                                                                                                                                                               Score 23.2; DB 1;
Pred. No. 5.7e+02;
0; Mismatches 4
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A39687/c
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AX184134/c
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Sequence 3 from Patent WO9418333
A39687
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Ibd-related polymorphisms
Patent: WO 0142511-A 1887 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RES
Biotherapeutics Corporation (CA)
Location/Qualifiers
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Sequence 1887 from Patent
AX184134
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Patent: WO 0142511-A 1862 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RES
Biotherapeutics Corporation (CA)
Location/Qualifiers
                                                 MACROMOLECULAR CROWDING
Patent: WO 9418333-A 3 18-AUG-1994;
MEDICAL RES COUNCIL (GB)
                                                                                                                                                                     unidentified
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                                                                                                  DNA-CLONING METHOD USING A CRE-LOX VECTOR
                                                                                                                                                                                     unidentified
                                                                                                                                                                                                                      A39687.1
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Mammalia; Eutheria; Primates;
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                                                                                                                                                     unclassified
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 5.7e+02;
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AX115756
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Metmur,J.G., Quartin,R.S. and Engelhardt,D.

Nucleic acid displacer compositions and cel

Patent: US 6358685-A 27 19-MAR-2002;

Location/Qualifiers
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Patent: WO 0129262-A 879 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Similarity 92.3%;
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                                                                                                                                                                                                                                                        artificial sequences.
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Similarity 92.3%;
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           TTCAAGTTATTCTCCTGCCCCAGCCTC 725
TTCAAGNAATTCTCCTGCCTCAGCCTC
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larity 88.9%;
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                                                                                            /note="Primer"
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/note="n = C3 linker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="unknown"
/mol_type="unassigned DNA"
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                                                                                                                                organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 5.5e+02;
0; Mismatches 2
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Pred. No. 5.5e+02;
0; Mismatches 2
                                              Score 22.8; DB 1;
Pred. No. 5.7e+02;
0; Mismatches 3;
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RESULT 249
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AX118476
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Best Local Similarity 88.9%;
Matches 24; Conservative
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                                                                                                                                             861 AGTGCTGGGATTACAGGCGTGAGCCAC 887
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Sequence 3599 from Patent WO0129262.
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Sequence 1646 from Patent
AX183893
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Location/Qualifiers
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"
1. .27
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"
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                GI:15135224
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Pred. No. 5.7e+02;
0; Mismatches 3
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Pred. No. 5.7e+02;
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CQ828992/c
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AX614082
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           Weihe,E., Bieller,A. and Schaefer,M.K. Regulatory elements in the 5' region of the vrl Patent: WO 2004053120-A 710 24-JUN-2004; Gruenenthal GmbH (DE)
                                                                                                                                                      Sequence 710 from Patent CQ828992 CQ828992.1 GI:49732475
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 5107 from Patent AX614082
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                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria;
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Patent: WO 0142511-A 1646 14-JUN-2001
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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larity 88.9%;
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Primates;
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Pred. No. 5.7e+02;
0; Mismatches 2;
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Pred. No. 5.7e+02;
0; Mismatches 3;
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WO2004053120.
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WO02072882.
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AX092602
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Best Local Similarity
Matches 23; Conserv
             Query Match
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23; Conserv
                                                                                                        Wang, W.W. and Struewing, J.P.
Mutation of rad51 gene and its use in the
predisposition to breast cancer
Patent: WO 0118254-A 13 15-MAR-2001;
THE DEPARTMENT OF HEALTH & HUMAN SERVICES
LOCATION/Qualifiers
                                                                                                                                                                                                          Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                               Sequence 13
AX093775
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Patent: WO 0115676-A 14 08-MAR-2001;
University of British Columbia (CA); Xenon Location/Qualifiers
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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AX092602
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
/note="V$GFI1 01"
                                                    /organism="Homo sapiens"
/mol_type="unassigned DNi
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95.8%;
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Pred. No. 5.4e+02
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Pred. No. 5.4e
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae.
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                                                                                                                                                                                                                                        Patent: WO 03050302-A 12 19-JUN-2003; Eirx Therapeutics Ltd (IE)
                                                                                                                                                                                                                                                                                                                     synthetic construct synthetic construct
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                                                                                                                                                                        /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="Sense primer for PSF promoter"
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/db_xref="taxon:9606"
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                                                                                                                                                               /note="PCR primer"
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Pred. No. 5.4e+02;
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531 CATCCTCCTGCCTCAGCCTCCCAA 554
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Transgenic animals and cell lines for screening drugs
the treatment or prevention of Alzheimer's disease
Patent: JP 2001513777-A 5 04-SEP-2001;
THE GENERAL HOSPITAL CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Transgenic animals and cell lines for screening drugs effective the treatment or prevention of Alzheimer's disease. BD070530
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                                                                                                                                                                Picoult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods (Patent: WO 0129262-A 1243 26-APR-2001; Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 1243 from Patent
AX116120
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ilarity 95.8%;
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26-FEB-1998 JP 1998537813
26-FEB-1997 US 60/038908
26-FEB-1997 US 60/038908
SUZANNE DELA MONTE, JACK R WANDS
C07H21/02, C07H21/04, C12N5/00, C12N15/00, C12Q1/02, A61K48/00, PC
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JP 2001513777-A/5
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/mol_type="genomic DNA"
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/db_xref="taxon:32630"
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AX614112
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Sequence 5730 from Patent
AX692998
AX692998.1 GI:29415961
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Sequence 5728 from Patent
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Patent: WO 02072882-A 5137 19-SEP-2002;
OGHAM GmbH (DE)
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                                                                                                                                                                                                                                                           Patent: EP 1281758-A 5728 05-FEB-2003; Aeomica, Inc. (US)
                                                                                                                                                                                                                                                                                           Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 5.6e+02;
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AR044033
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SOURCE
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(bases 1 to 22)

(bases 1 to 22)

Garini,Y., Cabib,D., Buckwald,R.A., Ried,T. and Soenksen,D.G.

Method for simultaneous detection of multiple fluorophores for in situ hybridization and multicolor chromosome painting and banding Patent: US 5817462-A 1 06-OCT-1998;
                                                                                 1 (bases 1 to 22)
Hyttinen,J.-M., Korhonen,V.-P. and Janne,J.
Method for the production of biologically a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                  US 5959171-A 2 28-SEP-1999;
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unknown"
/mol_type="unassigned DNA"
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organism="unknown"/
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                                    Transgenic animals and cell lines for screening drugs effective for the treatment or prevention of Alzheimer's disease the transgenic animals and cell lines for screening drugs CC afforture for the
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Sequence 39 from Patent W003008443.
AX709015
AX709015.1 GI:29564688
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Nymox Corporation (CA)
Location/Qualifiers
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BD070529.1 GI:22616132
JP 2001513777-A/4.
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Transgenic animals and cell lines for screening drugs effective
the treatment or prevention of Alzheimer's disease.
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ilarity 100.0%;
Conservative (
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Strandedness: Single;
Topology: Linear;
Transgenic animals and cell lines
effective for the
treatment or prevention of Alzheim
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Li,H., Hsich-Li,H.-M. and Chang,J.-G.
Knockout-transgenic mouse model of spinal
Patent: US 6245963-A 5 12-JUN-2001;
Location/Qualifiers
                                                                                                                             Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods patent: WO 0129262-A 1203 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 1203 from Patent
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Similarity 100.0%;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
                                                                             /note="Primer"
                                                                                     /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
        Sequence 5727 from Patent AX692995 AX692995.1 GI:29415958
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                                                                                                                                                                                                                                                                            Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
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                                          AX692995
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                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                                                                                                                         Patent: EP 1281758-A 5565 05-FEB-2003;
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Similarity 92.0%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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; Pred. No. 6e+0
0; Mismatches
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EP1281758.
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                  REFERENCE
AUTHORS
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AX183618
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SOURCE
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AX692999
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SOURCE
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Best Local Similarity 92.0%;
Matches 23; Conservative
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Daly,M., Hudson,T.J., Lander,E.S., Rioux,J.
Ibd-related polymorphisms
Patent: WO 0142511-A 1371 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
                                                                               Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Sequence 1371 from Patent
AX183618
AX183618.1 GI:15134938
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Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Homo sapiens
Eukaryota, Metazoa, Chordata,
Mammalia, Eutheria, Primates;
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ilarity 92.0%;
Conservative
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 6e+02;
0; Mismatches
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                                                                               Craniata; Vertebrata;
Catarrhini; Hominidae;
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                                                  Siminovitch,
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                                                                                                  Euteleostomi;
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; Homo.
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AX183704/c
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AX115648/c
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Best Local Similarity
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Query Match
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Sequence 1457 from Patent WO0142511.
AX183704
AX183704.1 GI:15135027
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AX115648
AX115648.1 GI:14032590
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Biotherapeutics
                                                                                                                            Picoult-Newburg, L. and Pohl, M.
Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 771 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ibd-related polymorphisms
Patent: WO 0142511-A 1457 14-JUN-2001;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                        /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                              /note="n = C3 linker"
                                                           note="Primer"
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Pred. No. 6.2e+02;
0; Mismatches 3
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Pred. No. 6.2e+02,
0; Mismatches
    Score 21.8;
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AX116180/c
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Sequence 1878 from Patent WO0142511.
AX184125
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Patent: WO 0129262-A 1303 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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 1 GCCTTCCAAAGTGCNAGGATTACAGG 26
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WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis
                                                                                                                                                                                                                                           Bukaryota, Metazoa, Chordata, Craniata, Vertebrata,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae,
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                                                                                                                                                                 Biotherapeutics Corporation (CA)
                                                                                                                                                                                                     Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. Ibd-related polymorphisms
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /note="n = C3 linker"
                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                Score 21.8; DB 1; Pred. No. 6.4e+02; 0; Mismatches 3
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Pred. No. 6.4e+02;
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IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
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IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
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/mol type="unassigned DNA"
/db xref="taxon:32630"
/note="HS consensus sequence"
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/db_xref="taxon:32630"
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Pred. No. 5.8e+02;
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                                                                                                               Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods of
Patent: WO 0129262-A 1467 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Patent: WO 0129262-A 1027 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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/mol_type="genomic [
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Chenchik,A.; Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 5994076-A 1216 30-NOV-1999;
Location/Qualifiers
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                                                              AR260285
Sequence
AR260285
                                                                                                                                                                                                                                                    Unclassified.

1 (bases 1 to 26)
1 (bases 1 to 26)
Chenchik, A., Jokhadze, G. and Bibilashvilli, R. Methods of assaying differential expression Patent: US 6352829-A 1216 05-MAR-2002;
Location/Qualifiers
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23; Conserv
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
                                                      GI:27310796
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Pred. No. 6.7e+02;
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Pred. No. 6.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 11 from Patent AX010999
                                                           Burgess, C.E., Conley, P.B., Grosse, W.M., Hart, M., Shimkets, R.A., Spytek, K.A., Szekeres, E.S., Tomlin. Topper, J.N. and Yang, R.B. Proteins and nucleic acids encoding same Patent: WO 0216599-A 111 28-FEB-2002; Curagen Corporation (US); COR THERAPEUTICS, INC. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mmp-9 gene polymorphisms
Patent: WO 9957315-A 11 11-NOV-1999;
HENNEY ADRIANO (GB); ISIS INNOVATION
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synthetic construct
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/mol_type="genomic DNA"
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/db_xref="taxon:32630"
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         /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                note="Polymorphism Specific Oligonucleotide'
/note="oligonucleotide primer"
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Pred. No. 6.7e+02
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Pred. No. 6.7e+02
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AX938799/c
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I34288/c
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AR148944/c
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           AX938799
Sequence 244 from Patent
AX938799
AX938799.1 GI:40733179
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In vivo assay for intravasation
Patent: US 6228345-A 1 08-MAY-2001;
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Sequence 1 from patent US
AR148944
AR148944.1 GI:15113535
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Munroe,D.J. and Housman,D.E.
Interspersed repetitive element-bubble
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                                                                                                                                                                                                                                                       Patent: US 5597694-A 2 28-JAN-1997;
Location/Qualifiers
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ilarity 100.0%; Pred. No. 5.7e+02;
Conservative 0; Mismatches 0;
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2 from patent US 5597694.
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/mol_type="unassigned DNA"
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Pred. No. 6.7e+02
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Matches 22; Conserv
              TITLE
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Best Local Similarity 100.0%; P
Matches 21; Conservative 0;
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Sequence 3 :
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Resnick, M.A., Larionov, V.L., Kouprina, N.Y. and Perkins, E.L.
TRANSFORMATION-ASSOCIATED RECOMBINATION CLONING
PAtent: WO 9801573-A 3 15-JAN-1998;
US HEALTH (US)
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Methods and compositions for the prediction, diagnosis, prognosis,
prevention and treatment of malignant neoplasia
Patent: EP 1365034-A 244 26 NOV-2003;
Bayer HealthCare AG (DE)
         March, R.E. and Thornton, S.M.
Polymorphisms in the human hmg-coa reductase Patent: WO 0079903-A 3 28-DEC-2000;
                                                                                                                          AX060468 24 bp
Sequence 3 from Patent WO0079003.
AX060468
AX060468.1 GI:12405929
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Mammalia; Eutheria;
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  AstraZeneca UK Limited
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/mol_tyte="taxon:32630"
/noTe="D178614 reverse primer"
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Sequence 12 from Patent WO0079003.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                               Patent: EP 1281758-A 5564 05-FEB-2003; Aeomica, Inc. (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 5724 from Patent
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AX692872.1 GI:29415835
Shannon, M., Gu, Y. and Nguyen, C.T.
                                                Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                      AX692993.1 GI:29415956
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 6.8e+02;
0; Mismatches 2;
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                                                                                                                                                                                                                                   Score 20.8; DB 1;
Pred. No. 6.8e+02;
0; Mismatches 2
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Query Match 2.1%;
Best Local Similarity 91.7%;
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                                                                                                                                          Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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AX693000.1 GI:29415963
                                                                                                                                                                                                                                                                                                                     Sequence 5732 from Patent
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                                                                                                         Patent: EP 1281758-A 5732
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                                                                     Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
/organism="Homo sapiens"
/mol_type="unassigned DN/
/db_xref="taxon:9606"
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Pred. No. 6.8e+02;
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Pred. No. 6.8e+02
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ISM Synthetic construct
artificial sequences.

CE 1 (bases 1 to 22)

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.
Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 200023671-A 4 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/4
PD 25-JAN-2000
25-JAN-2000
PF 10-UUL-1998 JP 1998195692
PF 10-UUL-1998 JP 1998195692
PR PI ICHIRO OHARA,ICHIRO NAKAYAMA,HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
CC LOCATION/Qualifiers
FT Source /organism='Artificial Sequence'.
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E31631.1 GI:13018541
JP 2000023671-A/4.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 5.9e+02;
1; Mismatches 0
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Pred. No. 6.8e+02;
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SOURCE ORGANISM REFERENCE

> synthetic construct synthetic construct

artificial sequences 1 (bases 1 to 22)

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1 Similarity 95.5%;
21; Conservative
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Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
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1 (bases 1 to 22)

Ichiro,O., Ichiro,N., and Hiroshi,Y.

Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE se and primer to be used therein patent: JP 2000023671-A 7 25-JAN-2000;
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JP 2000023671-A/7.
                                                         E31637

22 bp DNA linear PAT 18-JUN-20 Method for distinguishing eucaryotic individual based on PCR fing print with the use of restriction primer of inter-SINE sequences
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synthetic construct
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E31637.1 GI:13018547 JP 2000023671-A/10.
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                             and primer to be used therein. E31637
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JP 2000023671-A/7
25-JAN-2000
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C12N15/09, C12Q1/68, C12N15/00
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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95.5%;
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Pred. No. 6.4e+02;
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Pred. No. 6.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein
AL Patent: JP 200023571-A 10 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 200023671-A/10
PP 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PR 1CHIRO OHARA,ICHIRO NAKAYAMA,HIROSHI YASUE
PC CI2NI5/09,C12Q1/68,C12N15/00
CC CC LOCATION/Qualifiers
FT SOURCE 1. 22
/organism='Artificial Sequence'.
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Sequence 134 from Patent
CQ766173
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Hayden, M.R., Brooks-Wiison, A.R. and Pimstone, S.N.
Process for identifying modulators of ABC1 activity
Patent: US 6617122-A 275 09-SEP-2003;
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 Method
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            Weinzierl,R.
                                  artificial sequences
                                                synthetic
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/mol_type="genomic |
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/mol_type="genomic DNA"
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Pred. No. 6.4e+02;
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Pred. No. 6.4e+02;
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AX118236/c
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AX609024/c
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 3359 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 3359 from Patent
AX118236
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Sequence 49 from Patent
AX609024
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                                                                                                                                                                                                                              synthetic construct
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Mammalia; Eutheria; Primates;
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Similarity 95.5%;
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                         /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                             note="Primer"
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Pred. No. 6.6e+02
0; Mismatches
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Pred. No. 6.6e+02;
Score 20.4; DB 1;
Pred. No. 7.1e+02;
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AX115284
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Genotyping reagents, kits and methods of
Patent: WO 0129262-A 775 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 775 from Patent
AX115652
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/noTe="Primer"
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Pred. No. 7.3e+02;
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Patent: WO 0129262-A 1787 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Genotyping reagents, kits and methods of Patent: WO 0129262-A 1919 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
 Picoult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 2383 26-APR-2001; Orchid BioSciences, Inc. (US)
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Pred. No. 7.3e+02;
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Sequence 3091 from Patent
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Location/Qualifiers
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/mol type="unassigned DNA"
/db_xref="reaxon:32630"
/note="Primer"
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Patent: WO 0129262-A 3695 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 3695 from Patent
AX118572
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Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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/mol_type="traxon:32630"
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Pred. No. 7.3e+02
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Pred. No. 7.3e+02;
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Sequence 5600 from Patent EP1281758.
AX692868
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5667 from Patent
AX692935
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                     Homo sapiens
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 7.3e+02;
0; Mismatches 3
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Pred. No. 7.3e+02;
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RESULT 322
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Best Local Similarity 88.0%;
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Aeomica, Inc. (US)
Location/Qualifiers
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AX692937
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                 Patent: EP 1281758-A 5669 05-FEB-2003;
Aeomica, Inc. (US)
                                                                                                           Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Similarity 88.0%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Sequence 8 from Patent WO9844152.
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Farinelli,L. and Mayer,P.
METHOD OF NUCLEIC ACID SEQUENCING
PATENT: WO 9844152-A 8 08-CCT-1998;
FARINELLI LAURENT (CH); MAYER PASCAL
LOCALION/QUALIFIERS
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Similarity 88.0%;
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                                             GGTCAGGCTGGTCTCGAACT 20
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                                                                                       2.0%; Score 20; ilarity 100.0%; Pred. No. Conservative 0; Mismatch
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                                                                                                                                   /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                        1. .20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    organism="Homo sapiens"
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Pred. No. 7.3e+02;
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Pred. No. 7.3e+02;
0; Mismatches 3;
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BD233827/c
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AR176770
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BD233827
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Dean,N.M., McKay,R., Miraglia,L. and Ba
Antisense oligonucleotide compositions
inibition of c-Uun and c-Fos
Patent: US 5985558-A 25 16-NOV-1999;
                                    Pluorescent probe for chromosome painting Patent: JP 2002527077-A 1 27-AUG-2002;
                                                                      synthetic construct artificial sequences.
1 (bases 1 to 20)
                                                                                                                       BD233827.1 GI:33043597 JP 2002527077-A/1.
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20; Conserv
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Dean,N.M., McKay,R., Miraglia,L. and Ba
Antisense oligonucleotide compositions
modulation of activating protein 1
Patent: US 6312900-A 25 06-NOV-2001;
Location/Qualifiers
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AR176770
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                                                                                                             synthetic construct
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                                                            Cherif, D.
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larity 100.0%;
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Artificial Sequence JP 2002527077-A/1
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/mol_type="unassigned DNA"
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PF 15-CCT-1999 JP 2000576054

PR 15-CCT-1998 FR 98/12957

PI DORRA CHERIF

PC C12Q1/68,C12N15/09,C12N15/09,G01N21/78,G01N33/58,C12N15/00,C12N15/00
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                                                                                                                                                                                                                                                                                                                                                                                                                                  Primers for synthesizing full length cDNA clones
Patent: EP 1396543-A 4421 10-MAR-2004;
Research Association for Biotechnology (JP)
Location/Qualifiers
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                                                                                                                         CQ786097
Sequence 21 from Patent
CQ786097
CQ786097.1 GI:45721200
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Diagnostic test
Patent: WO 2004018711-A 21 04-WAR-2004;
University College London (GB)
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                                             Ming-Qing, D.
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15-OCT-1999 JP :
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: an artificially synthesized primer se q uence"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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 381 AGCCTCCCAAAGTGCTGGGA 400
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Sequence 299 from Patent
CQ787993
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Patent: US 6440737-A 17 27-AUG-2002;
Patent Location/Qualifiers
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Universitaet Hohenheim (DE)
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                     2.0%; Score 20; ilarity 100.0%; Pred. No.. Conservative 0; Mismatci
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                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="synthetic construct"
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/db_xref="taxon:32630"
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                                                                  /organism="unknown"
/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    'ocation/Qualifiers
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                                                                                                                                                                                                                                                 20 bp
from patent US 6440737.
                                                                                                                                                                                                                              GI:23333312
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100.0%; Pred. No. 6.1e+02;
tive 0; Mismatches 0;
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AR305124
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1 (Dases 1 to 20)

1 (bases 1 to 20)

Monia,B.P., Gaarde, W.A., Freier,S.M. and Walder of TERT expression
Antisense modulation of TERT expression

L Patent: US 6492171-A 82 10-DEC-2002;

Location/Qualifiers
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McKay,R., Freier,S.M. and Wyatt,J.

Antisense modulation of casein kinase

Patent: US 6455307-A 18 24-SEP-2002;

Location/Qualifiers
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AR232228
Unclassified.

1 (bases 1 to 20)

Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
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/mol_type="genomic
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/mol_type="genomic
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6.1e+02;
hes 0;
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Patent: US 6562959-A 1 13-MAY-2003;
Location/Qualifiers
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Patent: US 6555654-A 78 29-APR-2003;
Location/Qualifiers
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Todd, T.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D. Hammond, H., Heys, Kawaguchi, Y., Merriman, T.R., Metzke Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.
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Location/Qualifiers
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                                                                                                                                                                                         Unknown
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/mol_type="genomic"
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/mol_type="genomic DNA"
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/mol_type="genomic
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AR337148
AR337148.1
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Sequence 70 from patent US 6566135.
AR337145
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Sequence 74 from patent US
AR337149
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 Antisense modulation of caspase 6 expression Patent: US 6566135-A 74 20-MAY-2003;
                      1 (bases 1 to 20) Watt, A.T.
                                                           Unknown
                                                                                             AR337149.1
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/mol_type="genomic DNA"
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100.0%; Pred. No. 6.1e+02;
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Sequence 72 from Patent WO02100896.
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  20;
                                                                                                                        Sinilnikova-Erard, O.

Method for diagnosing cancer susceptibility
Patent: WO 02100896-A 72 19-DEC-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR);
UNIVERSITE CLAUDE BERNARD - LYON 1 (FR)
Location/Qualifiers
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  Similarity 100.0%; I 20; Conservative 0;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                      /organism="synthetic construct"
|mol type="unassigned DNA"
|db xref="taxon:32630"
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Patent: JP 2001321190-A 1556 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH,
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A method of arraying genome
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JP 2001321190-A/1556.
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Description of Artificial Sequence: Synthetic DNA FH
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C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
                                                                  Artificial Sequence
JP 2001321190-A/1556
20-NOV-2001
12-MAR-2001 JP 2001068285
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JP 2001321190-A/1048
20-NOV-2001
12-MAR-2001 JP 2001068285
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Primer for synthesizing:
BD128205
BD128205.1 GI:23223150
JP 2002017375-A/3636.
unidentified
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Novel LDL-receptor
Patent: JP 2002501376-A 50 15-JAN-2002;
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Todd,J.A., Hess,J.W., Caskey,C.T.,
and Hey,P.
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JP 2002501376-A/50.
Chlamydia sp.
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PR 15-APR-1997 US 60/043553,05-JUN-1997
JOHN ANDREW TODD,JOHN WILFRED HESS,CHARLES
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DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17, A61K39/395,
                                                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                          /organism="Chlamydia sp."
/mol_type="genomic DNA"
/db_xref="taxon:35827"
                                                                                                                                                                                                                                                                                           Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                      2.0%; Score 20;
100.0%; Pred. No.
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RESULT 347
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                                                                                                                                                                                                                                                            TITLE Antisense modulation of human MDM2 expression
JOURNAL PARENT: JP 2002508944-A 242 26-MAR-2002;
VENT OS Unidentified PD 20-MAR-2002
PD 26-MAR-2002
PF 26-MAR-2009
PR 26-MAR-2099
PR 26-MAR-2999
PR 26-MAR-1999
PR 2
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HELIX RESEARCH INSTITUTE
OS Unidentified
PN JP 2002017375-A/3636
PD 2002017375-A/3636
PD 22-JAN-2002
PF 07-JUL-2000 JP 2000253172
PI TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KC PI ISHII, AMAMI, AI WAKAWATSU, TOMOYASU SUGIYAMA, PI YURI KAWAI, AI WAKAWATSU, TOMOYASU SUGIYAMA, PI
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Antisense modulation of h
BD138316
BD138316.1 GI:23233261
JP 2002508944-A/242.
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1 (bases 1 to 20)
Ota, T., Nishikawa, T., Isogai, T., Hayashi, K., Ishii, S., Kawai, Y., Ots, T., Nishikawa, T., Nagai, K., Kojima, S., Otsuki, T. and Wakamatsu, A., Sugiyama, T., Nagai, K., Kojima, S., Otsuki, T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Description of Artificial Sequence: an artificially synthesized primer C sequence Location/Qualifiers FH Key 1. 20 FT source /organism='Unidentified'.
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PI TETSUJI OTSUKI, HISASHI KOGA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/
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                        Topology: Linear;
Antisense modulation of
Location/Qualifiers
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                                                                                                                                           C12Q1/68,
C12N15/00
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                                                                                                                                                                                                                                                                                    26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
Bource
                                                                                                                   Strandedness:
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Antisense modulation of human MDM2 expression.
BD138341
BD138341.1 G1:23233286
JP 2002508944-A/267.
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Miraglla,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 266 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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JP 2002508944-A/266.
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Antisense modulation of human
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26-MAR-1998 US 09/0488
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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100.0%; Pr
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3. 6.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Synthetic at 1p36.
                                                                                                                                                                                                        Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                                    A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Watanabe,N., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
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Antisense modulation of human MDM2 expression
                                                                  /db_,
/note="reverse primer for human STS sts-R89K16R at 1p36
sts-R89K16R obtained from clones B7H21 B7I21 B4M23 B113O16
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                   organism="synthetic construct"
/mol_type="genomic DNA"
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Query Match
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CE 1 (bases 1 to 21)

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/1

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA,ICHIRO NAKAYAMA,HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00

CC
PH Key

I Location/Qualifiers
FT source

//organism='Artificial Sequence'.
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JP 200002307....
synthetic construct
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artificial sequences.
1 (Dases 1 to 21)
1 (Dases 1 to 21)
1 (Chiro,O., Ichiro,N. and Hiroshi,Y.
Method for distinguishing eucaryotic individual based on
Method for distinguishing encaryotic individual based on
Method for distinguishing encaryotic individual based on
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E31628
E31628.1 GI:130185
JP 2000023671-A/1.
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Method for distinguishing eucaryotic individual based on the print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
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E31629.1 GI:13018539
JP 2000023671-A/2.
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Method for distinguishing eucaryoti
print with the use of restriction
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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2E 1 (bases 1 to 21)

CE 1 (bases 1 to 21)

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

RS Herbod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A, 3 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/3

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00

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Patent: JP 2000023671-A 2 25-JAN-2000;
MATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS ARTIFICIAL Sequence
PN JP 2000023671-A/2
PD 25-JAN-2000
PF 10-UUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YAS'
PC C12N15/09, C12Q1/68, C12N15/00
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Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences
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                                GGATTACAGGCGTGAGCCAC 887
GGATTACAGGCGTGAGCCAC
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
                                                                                                                                  /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                      Location/Qualifiers
                                                                                 2.0%;
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100.0%; Pred. No. 6.
tive 0; Mismatches
                                                                 0;
                                                                                 Score 20; DB 1; L
Pred. No. 6.4e+02;
 20
                                                                  Mismatches
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J. 6.4e+02;
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AX699365
LOCUS
                                                                                                          RESULT.356
E31632
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AUTHORS
TITLE
JOURNAL
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KEYWORDS
SOURCE
  ACCESSION
VERSION
KEYWORDS
SOURCE
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AX699366/c
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                                                                                DEFINITION
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TITLE
JOURNAL
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Best Local S
Matches 20
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Best Local Similarity 100.0%;
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synthetic construct
artificial sequences.
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Sequence 306 from Patent
AX699365
E31632

Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.

E31632
E31632
E31632
E31632
G7 2000023671-A/5.
synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                             synthetic construct
synthetic construct
artificial sequences.
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                                                                                                                                                                                                                                                                                                                                             Patent: WO 03000727-A 307 03-JAN-2003;
ISIS INNOVATION LIMITED (GB)
Location/Qualifiers
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                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="reaxon:32630"
/noTe="Oligonucleotide probe"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No. 6.4e+02;
tive 0; Mismatches 0;
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Pred. No. 6.4e+02;
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COMMENT
OS
Artificial sequences.

1 (bases 1 to 22)
1 (chiro,O., Ichiro,N. and Hiroshi,Y.
Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein
JOURNAL PATENT: JP 2000023571-A 5 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023571-A/5
PD 25-GAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAV'
PC C12N15/09,C12Q1/6°
CC PH Key
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AUTHORS
TITLE
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Matches 20
Query Match
Best Local Similarity
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NATIONAL RESEARCH INSTITUTE OF AQUACULTUR
OS Artificial Sequence
PL 2000023671-A/6
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI
PC C12N15/09,C12Q1/68,C12N15/00
CC
FH Key Location/Qualifiers
FT Source 1,22
FT Sou
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synthetic construct
artificial sequences.
1 (bases 1 to 22)
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JP 2000023671-A/6.
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                                                                                                                                                                                                                                                                                         ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE C12N15/09, C12Q1/68, C12N15/00
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                                                                                                                                                               /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism='Artificial Sequence'
                                                                 /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
  100.0%;
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Score 20;
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. 6.7e+02;
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6.7e+02;
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individual based on PCR
rimer of inter-SINE seque
                      Length 22;
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E31636
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Query Match
Best Local Similarity
Matches 20; Conserv
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CE 1 (bases 1 to 22)

CE 1 (bases 1 to 22)

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent; JP 2000023671-A, 8 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/8

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00

CC
FH Key

Location/Qualifiers

FT SOURCE

//Organism='Artificial Sequence'.
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B31636 B31636 B31636 B31636 1 GI:13018546

UP 2000023671-A/9.
synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 22)
1 (bases 1 to 22)
Ichiro, O., Ichiro, N. and Hiroshi, Y.
Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
Patent: JP 2000023671-A 9 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/9
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synthetic construct
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JP 2000023671-A/8.
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/db_xref="taxon:32630"
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  of inter-SINE sequences
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2E 1 (bases 1 to 22)

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

RE Holdro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A 11 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/11
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
CC
FH Key

LOCATION/CN-11firm 'Artificial Sequence'.

FT Source /organism='Artificial Sequence'.
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E31638 1 GI:13018548

DF 2000023671-A/11.
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10-JUL-1998 JP 1998195692
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for distinguishing eucaryotic individual based on PCR finger
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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L00.0%; Pred. No. 6.7e+02;
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L00.0%; Pred. No.
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CQ766176
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OS Artificial Sequence
PN JP 2000023671-A/12
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASIPC C12N15/09, C12Q1/68, C12N15/00
CC Location/Qualifiers
FT Source 1.22
FT Source /organism='Artificial Sec
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                              862 GTGCTGGGATTACAGGCGTGAGC 884
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1 (bases 1 to 22)

1 (bases 1 to 22)

1 (chiro, N. and Hiroshi, Y. rohiro, N. and Hiroshi, Y. Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE seand primer to be used therein and primer to be used therein Patent: JP 2000023671-A 12 25-JAN-2000;
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Sequence 137 from Patent
CQ766176
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synthetic construct
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IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
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Similarity 91.3%;
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C12N15/09, C12Q1/68, C12N15/00
                                                           Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                    /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                       /note="HS consensus sequence"
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Pred. No. 7.1e+02;
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RESULT 363

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BD130152/c
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AX117194
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Sequence 96
AR154046
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Material and method
repeat DNA marker.
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                                                                   repeat DNA marker.
BD130152
BD130152.1 GI:23225097
JP 2002502606-A/96.
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 2317 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 24)
Schumm, J.W. and Bacher, J.W.
Materials and methods for indentifying
tandem repeat DNA markers
Patent: US 6238863-A 96 29-MAY-2001;
Location/Qualifiers
1 (bases 1 to 24)
Schumm, J.W. and Bacher, J.W.
Material and method for specifying
                                                  unidentified
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                                    unclassified
                                                          unidentified
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Similarity 91.3%;
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                                                                                                                                                                                                                                                                                     /note="Primer"
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Pred. No. 7.
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Pred. No. 7.4e+02;
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RESULT 367
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Best Local Similarity 91.3%;
Matches 21; Conservative
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synthetic construct synthetic construct
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AX116283
AX116283.1 GI:14033225
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Patent: JP 2002502606-A 96
PROMEGA CORP
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04-FEB-1998 US 09/018584
JAMES W SCHUMM, JEFFREY W BACHER
C12N15/09,C12Q1/68,C12N15/00
Strandedness: Single;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/mb xref="taxon:32630"
/note="Primer"
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AX741032
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Patent: WO 0129262-A 1406 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 2381 from Patent
AX117258
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                        Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F. Methods, kits and compositions pertaining to the sug detectable probe binding to randomly distributed regin genomic nucleic acid Patent: WO 03027328-A 6 03-APR-2003; Boston Probes, Inc. (US); DakoCytomation Denmark A/Location/Qualifiers
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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organism="synthetic"
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Pred. No. 6.9e+02;
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AX741044/c
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AX741037
                                                                                                    Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
Methods, kits and compositions pertaining to the suppression detectable probe binding to randomly distributed repeat seque in genomic nucleic acid
Patent: WO 03027328-A 18 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
                                                                                                                                                                                                            synthetic construct
synthetic construct
artificial sequences.
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Boston Probes, Inc. (US) ; DakoCytomation
Location/Qualifiers
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/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
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18 from Patent WO03027328.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                            /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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note="Description of Combined DNA/RNA Molecule:Synthetic
Dligomer Sequence-Synthetic Probe Sequence"
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Pred. No. 6.
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Matches 20; Conserv
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Sequence 25 from Patent WO03027328.
AX741051
AX741051.1 GI:30523912
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synthetic construct
artificial sequences.
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Sequence 23 from Patent WO03027328.
AX741049
AX741049.1 GI:30523910
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                                                                                                                                                                               Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F. Methods, kits and compositions pertaining to the sujudetectable probe binding to randomly distributed rejin genomic nucleic acid patent: WO 03027328-A 25 03-APR-2003;
Boston Probes, Inc. (US), DakoCytomation Denmark A. Location/Qualifiers
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                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/mbxref="taxon:31630"
/noTe="Description of Combined DNA/RNA Molecule:Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic_DNA"
/db_xref="taxon:32630"
/note="Description of Combined_DNA/RNA_Molecule:Synthetic
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Pred. No. 6.9e+02;
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Pred. No. 6.9e+02;
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AX800306
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1 (bases 1 to 22)
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synthetic construct
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Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                            JP 2002345466-A/50
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                                                                                                                                                 HIROKI SASAKI,
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Hegele, Robert, A. (CA)
Location/Qualifiers
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C12N15/09,C12N15/00
Description of Artificial
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                                      /organism='Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                         amplifying DNA.
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artificial sequences.

CE 1 (bases 1 to 22)

CE 1 (bases 1 to 22)

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

RS Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

and primer to be used therein

AL Patent; JP 2000023671-A, 13 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/13

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09,C12Q1/68,C12N15/00

CC

FH Key

Location/Qualifiers

FT source

//cranism='Artificial Sequence'.
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E31640.1 GI:13018550
JP 2000023671-A/13.
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                                                                                                                                                                                                            E31641 for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
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artificial sequences.

1 (bases 1 to 22)

1 (chases 1 to 22)

1 (chiro,O., Ichiro,N., and Hiroshi,Y.

1 (chiro,O., Ichiro,N., and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE se and primer to be used therein primer to be used therein patent: JP 2000023671-A 14 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
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JP 2000023671-A/14.
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Similarity 95.2%;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 7.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 19.4; DB 1;
Pred. No. 7.2e+02;
0; Mismatches 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 1;
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Best Local S
Matches 20
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Best Local Similarity 95.2%;
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                                                                                                                                                                                          NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/19
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YAS
PI CC12N15/09,C12Q1/68,C12N15/00
CC
FH Key Location/Qualifiers
FT SOURCE /organism='Artificial Se
FT SOURCE /organism='Artificial Se
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                    869 GATTACAGGCGTGAGCCACCA 889
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                                                                                                                                                                                                                                                                                                                                                                              synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 22)
1 (bases 1 to 22)
1 (chiro,O., Ichiro,N. and Hiroshi,Y.
Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
and primer to be used therein
Patent: JP 2000033671-A 19 25-JAN-2000;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       JP 2000023671-A/19.
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                                                                          Similarity
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JP 2000023671-A/14
25-JAN-2000
10-JUL-1998 JP 1998195692
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                                                              Conservative
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                          2.0%;
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1. .22
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Pred. No. 7.2e+02;
                                                                          Score 19.4;
Pred. No. 7.
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                                                              Mismatches
                                                                              .2e+02
                                                                                            DB 1;
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RESULT 379 E31647

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Best Local Similarity
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                                                                                                                                                                                                            JOURNAL
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CE 1 (bases 1 to 22)

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A 20 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/20

PD 25-JAN-2000

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00

CC
FH Key

Location/Qualifiers
FT source

/organism='Artificial Sequence'.
synthetic construct
synthetic construct
artificial sequences.
E 1 (bases 1 to 22)
I (chiro,O., Ichiro,N., and Hiroshi,Y.
Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE sequence and primer to be used therein
patent: JP 2000023671-A 25 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
yp 2000023671-A/25
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR 10-JUL-1998 JP 1998195692
PR 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
CC
FH Key Location/Qualifiers
FT source /organism='Artificial Sequence'.
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Method
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E31647.
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                                                                                                                                                                                                                                                                                                                                                             and primer to be used therein.
E31652
E31652.1 GI:13018562
JP 2000023671-A/25.
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                                                                                                                                                                                                                                                                                                                                                                                                                            22 bp DNA linear PAT 18-JUN-20 Method for distinguishing eucaryotic individual based on PCR finguishing print with the use of restriction primer of inter-SINE sequences
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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95.2%;
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Pred. No. 7.
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AUTHORS
TITLE
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VERSION
KEYWORDS
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ORGANISM
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DEFINITION
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E31653
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DEFINITION
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                                                                                                                         VERSION
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Matches
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FEATURES
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Best Local :
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Best Local Similarity
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artificial sequences.

E 1 (bases 1 to 22)

E 1 (bases 1 to 22)

S Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE se and primer to be used therein
Patent: JP 200023671-A 26 25-JAN-2000;
L NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/26
PN JF 2000023671-A/26
                                                                                                                                                                                                                                                                               698
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Method for distinguishing encaryotic individual Dased on the print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
                                               Homo sapiens
Eukaryota; M
                                                                                                                                Sequence 199 from Patent AX092787
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                                                                                                                                                                                                                                                                                                              l Similarity
20; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GATTACAGGCGTGAGCCACTA 21
Hayden, M.R., Brooks-Wilson, A.R., Pimstone, S.N. and Clee, S.M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                               Homo sapiens (human)
                                                                                                                 AX092787.1
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                                                                                                                                                                                                                                                                        GATTACAGGCGTGAGCCACCA 889
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ilarity 95.2%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             25-JAN-2000
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 7.2e+02;
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Pred. No. 7.2e+02;
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                                                                                                                                                 22 bp
WO0115676
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                                Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
                                                                                                                                                                  DNA
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                                                                                                                                                                                                                                                                                                                                              Length 22;
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                                                 l (bases 1 to 20)

1 (bases 1 to 20)

Hardy,J.A. and Goate,A.M.

Mutant S182 genes

Patent: US 5973133-A 11 26-OCT-1999;

Location/Qualifiers
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synthetic construct
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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BD241066
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Query Match
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 24)
Landers, J.E., Jordan, B., Housman, D.E. and Charest, A.
Methods and products related to genotyping and DNA analysis
Patent: JP 2002525127-A 13 13-AUG-2002;
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OS Homo sapiens (human)
PN JP 2002525127-A/13
PD 13-AUG-2002
PA-SEP-1999 JP 2000572407
PF 24-SEP-1999 JP 2000572407
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PC C12N1
CC Metho
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JP 2002525127-A/13.
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Methods and products related
                                                                                     1 (bases 1 to 24)
Landers,J., Jordan,B., Housman,D.E. and Charest,A.
Methods and products related to genotyping and DNA
Patent: US 6703228-A 13 09-MAR-2004;
Location/Qualifiers
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F 24-SEP-1999 JP 2000572407
R 25-SEP-1999 US 60/101757
JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST PC C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
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                                            _type="genomic DNA"
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Pred. No. 7.9e+02
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    Score 19.2; DB 1;
Pred. No. 7.9e+02;
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AX092605
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Sequence 10 from Patent WO0100880.
AX067274
AX067274.1 GI:12544898
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Duff, G.W., Cox, A., Camp, N.J. and di Giovine, F.S.

Diagnostics and therapeutics for diseases associated with an inflammatory haplotype

Patent: US 6706478-A 10 16-MAR-2004;
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               17
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87.5%; Pred. No. 7.9;
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Pred. No. 7.9e+02;
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Picoult-Newburg,L. and Pohl,M. denotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 2830 26 APR-2001; Orchid BioSciences, Inc. (US)
                                                                                                                                AX117707
Sequence 2830 from Patent
AX117707
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Location/Qualifiers
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University of British Columbia (CA); Xenon Genetics Inc.
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Kieback, D.G.
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Kieback, D.G.
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/mol_type="unassion"
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/noTe="primer"
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/mol_type="unassigned DNA"
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Patent: WO 0129262-A 1217 26-APR-2001;
Orchid BioSciences, Inc. (US)
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1265 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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S Zhang,H. and Cowsert,L.M.
Antisense modulation of caspase 8 expression
AL Patent: US 6258600-A 94 10-UUL-2001;
Location/Qualifiers
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GENOTECHS
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PD 20-NOV-
PF 12-MAR-
PI EIICHI (
PC C12N15/00,
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AR271152
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   Pelz,D.T
            Unclassified.
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                                 Unknown.
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JP 2001321190-A/1518
20-NOV-2001
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Patent: US 6503152-A 95 07-JAN-2003;
Location/Qualifiers
                                                                                                                                    1 (bases 1 to 20)
Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerl
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R.,
Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.
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Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzke
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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Sequence 286 from patent
AR305332
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Location/Qualifiers
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/mol_type="genomic
                                                    /organism="unknown"
/mol_type="genomic DNA"
                                                                                            location/Qualifiers
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RESULT 401
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JOHN ANDREW TODD, JOHN WILLERED HESS, CHARLES
THOMAS CASKEY, ROGER
PI DAVID GOX,
PI DAVID G
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BD106243
BD106243.1 GI:23201061
JP 2002501376-A/258.
Chlamydia sp.
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AX188411
AX188411.1 GI:15142082
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Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
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DAVID COX,
DAVID GENOLD,HOLLY HAMMOND,PATRICIA HEY
C12N15/12,C12N15/11,C12Q1/68,C07K14/705,C07K16/28,A61K38/17,A61K39/395,
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/mol_type="unassigned DNA"
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                                                                                                                                                   Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:35827"
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Pred. No. 6.9e+02;
0; Mismatches 0;
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  Score 19;
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BD138317/c
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BD138324/c
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Matches 19; Conserv
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JOURNAL
                                                                                                                                                                                                                                                                                                        Matches
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                                                                                                                                                                                                                                                                                                        19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      i (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.l
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 243 26-MAR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BD138317
Antisense modulation of
unclassified.
1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 250 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
ON JP 2002508944-A/250
PD 26-MAR-2002
                                                                                                                                                 BD138324 20 bp
Antiecnse modulation of human MDM2
BD138324
BD138324.1 GI:23233269
                                                                                                                                                                                                                                                                                                                                                                                                                                                           unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                unidentified
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                                                                                                                                       JP 2002508944-A/250.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         unclassified
                                                                                                               unidentified
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COWSERT
C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Topology: Linear;
Antisense modulation of human
                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                         /organism='Unidentified'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                    /moi_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                     /organism="unidentified"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                    1.9%;
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human MDM2
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J. 6.9e+02;
J. 6.9 e+02;
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                                                                               Cowsert, L.M.
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PAT 18-JUN-2001

on PCR finger sequences

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E31642
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ORGANISM
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VERSION
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Best Local Similarity
Matches 19; Conserv
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                                                                                                                                                                                                                                         NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/15
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YAS
PC C12N15/09, C12Q1/68, C12N15/00
CC FH Key 1. . 22
FT SOURCE /organism='Artificial Se
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                                                        869
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22 bp DNA linear PAT 18-JUN-2001

Method for distinguishing eucaryotic individual based on PCR finger

print with the use of restriction primer of inter-SINE sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                Method for distinguishing eucaryotic individual based print with the use of restriction primer of inter-SINE and primer to be used therein Patent: JP 2000023671-A 15 25-JAN-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E31642
E31642.1 GI:13018552
JP 2000023671-A/15.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  artificial sequences.
1 (bases 1 to 22)
1 (chiro,O., Ichiro,N. and Hiroshi,Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          and primer to be used therein.
                                                                                                        Similarity
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                                                 GATTACAGGCGTGAGCCAC 887
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26-MAR-1998
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                                                                                      1.9%; Score 19; DB
larity 100.0%; Pred. No. 7.
Conservative 0; Mismatches
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Antisense modulation of human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Strandedness: Single;
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                                                                                                                                                                                                                       /organism='Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism='Unidentified'
                                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="unidentified'
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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US 09/048810
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7.5e+02;
hes 0;
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AUTHORS
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SOURCE
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E31644
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VERSION
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E31643
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VERSION
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity 100.0%; Score 19; DB 1; Local Similarity 100.0%; Pred. No. 7.5e+
artificial sequences.

1 (bases 1 to 2)

1 (bases 1 to 2)

1 (chiro, N. and Hiroshi, Y.

1 (chiro, O., Ichiro, N. and Hiroshi, Y.

1 (chiro, O., Ichiro, N. and Hiroshi, Y.

1 (chiro, O., Ichiro, N. and Hiroshi, Y.

2 (chiro, O., Ichiro, National Sequence PN JP 2000023671-A) 17

2 (chiro, OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE PC C12N15/09,C12Q1/68,C12N15/00

CC
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OS Artificial Sequence
PN JP 2000023671-A/16
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YAS'
PC C12N15/09,C12Q1/68,C12N15/00
CC
FH Key Location/Qualifiers
FT SOURCE 1. 22
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Method for distinguishing eucaryotic individual based on PCR finge print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
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1 (bases 1 to 22)

1 (chiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE search print to be used therein
                                                                                                                                                                                                                                                                              synthetic construct
synthetic construct
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JP 2000023671-A/17.
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                                                                                                                                                                                                                                                                                                                                                   22 bp DNA linear PAT 18-JUN-2001 Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Best Local S
Matches 19
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Best Local Similarity
Matches 19; Conserv
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2E 1 (bases 1 to 22)

2E 1 (bases 1 to 22)

3S Ichiro,O., Ichiro,N. and Hiroshi,Y.

4D Print with the use of restriction primer of inter-SINE sequences and primer to be used therein

4D Patent: JP 2000023671-A, 18 25-JAN-2000;

5D Artificial Sequence

6D PR 10-JUL-1998 JP 1998195692

7D PR 10-JUL-1998 JP 1998195692

8D PR 10-JUL-1998 JP
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E31645.1 GI:13018555
JP 2000023671-A/18.
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Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences
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                                                                E31648 22 bp DNA linear PAT 18-JUN-2001 Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
                    E31648.1 GI:13018558 JP 2000023671-A/21.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No. 7.5e+02;
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CE 1 (bases 1 to 22)

Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein Patent: JP 2000023671-A 21 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence PN JP 200023671-A/21

PD 25-JAN-2000

PF 10-UUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE PC C12N15/09,C12Q1/68,C12N15/00

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FH Key Location/Qualifiers
FT source /organism='Artificial Sequence'.
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artificidal sequences.

CE 1 (bases 1 to 22)

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

RES Ichiro, O., Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent; JP 2000023571-A 22 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/22

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09,C12Q1/68,C12N15/00

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Location/Qualifiers

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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                            /organism='Artificial
Location/Qualifiers
                                                               /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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, 100.0%; Pr/
    1.9%;
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    Score 19;
Pred. No.
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7.5e+02;
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7.5e+02;
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TITLE
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Best Local Similarity
Matches 19; Conserv
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artificial sequences.

1 (bases 1 to 22)

1 (chiro, 0., Ichiro, N. and Hiroshi, Y.

1 (bases 1 to 22)

1 (chiro, 0., Ichiro, N. and Hiroshi, Y.

1 (chiro, 1.)

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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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100.0%; Pred. No. 7.1
tive 0; Mismatches
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nes 19; Conserv
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ISM synthetic construct

artificial sequences.

CE 1 (bases 1 to 22)

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences

and primer to be used therein

AL Patent: JP 2000023671-A 27 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/27

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PF 10-JUL-1998 JP 1998195692

PR ICHTRO OHARA,ICHIRO NAKAYAMA,HIROSHI YASUE

PC C12N15/09,C12Q1/68,C12N15/00

CC LOCATION/Qualifiers

FT SOURCE //CF9anism='Artificial Sequence'.
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Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
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E31654.1 GI:13018564
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10-JUL-1998 JP 1998195692
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for distinguishing eucaryotic individual based on PCR finger
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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AL Patent: JP 2000023671-A 28 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/28
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PR ICHTRO OHARA, ICHTRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
CC
FH Key Location/Qualifiers
FT source //organism='Artificial Sequence'.
                                  CE 1 (bases 1 to 22)

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A 29 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

OS Artificial Sequence

JP 2000023671-A/29

PD 25-JAN-2000

PF 10-UUL-1998 JP 1998195692

PR 10-UUL-1998 JP 1998195692

PR 1 CICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC FH Key 1. .22

FT source /organism='Artificial Sequence'.
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Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences
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                                                                                                                                                                                                                                                                                                                                                                                    artificial sequences.
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/organism='Artificial Sequence'.
Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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ISM synthetic construct

artificial sequences.

CE 1 (bases 1 to 22)

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

Ichiro, O., Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A 30 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN 12-000023671-A/30

PD 25-JAN-2000

PD 10-JUL-1998 JP 1998195692

PR 10-JUL-1998 JP 1998195692

PR 10-JUL-1998 JP 1998195692

PR PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09,C12Q1/68,C12N15/00

CC FH Key 1. .22

FT source /organism='Artificial Sequence'.
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19; Conserv
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AR088425
1 (bases 1 to 22)
Teng, D.H.-F., Tavtigian, S.V., Perry, W.L. III and Skolnick, M.H. Specific mutations of map kinase 4 (MKK4) in human tumor cell identify it as a tumor suppressor in various types of cancer Patent: US 5989885-A 11 23-NOV-1999;
                                                                                                     Unknown
                                                                                                                                                    AR088425.1
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                                                                                                                   Unknown.
                                                                                    Unclassified
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                 11 from patent US
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                    GI:10015188
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Pred. No.
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Libases 1 to 22)
Mizugaki, M. and Hiratsuka, M.
Mizugaki, M.
Mizu
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ORGANISM
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AUTHORS
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AR242944/c
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                                 1 (bases 1 to 22)
Brunkow,M.E., Pro!!,S., Paeper,B. and Staehling-Hampton,
Methods for identifying genomic deletions
Patent: US 6475739-A 90 05-NOV-2002;
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unknown"
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AR242948/c
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Query Match
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Sequence 11
AR345130
Sequence 274 from patent AR393735 AR393735.1 GI:40120578
                                                                                                                                                                                                                                         1 (bases 1 to 22)
Fu,Y.-H., Yu,C.-E., Oshima,J., Mulligan,J.T.
Gene products related to werner's syndrome
Patent: US 6583112-A 11 24-JUN-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 22)
Brunkow,M.E., Proll,S., Paeper,B. and Stankow,M.E., Proll,S., Paeper,B. and Stankethods for identifying genomic delections
Patent: US 6475739-A 94 05-NOV-2002;
                                                                                                                                                                                                                                                                                          Unclassified.
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Similarity 90.9%;
20; Conservative
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/mol_type="genomic |
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Pred. No. 7.7e+02;
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Pred. No. 7.7e+02;
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Hayden,M.R., Brooks-Wilson,A.R. and Pimstone,S.N.
Process for identifying modulators of ABC1 activity
Patent: US 6617122-A 274 09-SEP-2003;
Location/Qualifiers
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AX384996
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AX385000
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                                                 Brunkow,M.E., Proll,S. and Paeper,B.
Methods for identifying genomic deletions
Patent: WO 0210455-A 94 07-FEB-2002;
Celltech R & D. Inc. (US) ; Straehling-Hampton,
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 7.7e+02;
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1 (bases 1 to 23)
Zeng, H., Reddy, G., Vallerga, A. and Zarling, D.
Novel antisense inhibition of Rad51
Patent: JP 2002536420-A 9 29-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PF 03-FEB-2000 JP 2000598182
PR 10-FEB-1999 US 60/119578,06-DEC-1999 US 09/454495 FE HONG ZENG,GURUCHARAN REDDY,ANNE VALLERGA,DAVID A ZARLING PC A61K45/00,A61K31/7088,A61K48/00,A61P1/00,A61P19/02,A61P29/00,
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                                              1 (bases 1 to 23)
Andersson, M.K., Berglund, L.G.T., Reneland, R.H. and Adam, Reagents and methods for detection of heart failure Patent: US 6528268-A 42 04-MAR-2003;
                                                                                                                                                                                                                                                            2 GATCCACCTGCCTCGGCCTCCC
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Description of Artificial Sequence:
Location/Qualifiers
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JP 2002536420-A/9
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unknown"
/mol_type="genomic DNA"
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Patent: US 6576759-A 9 10-JUN-2003;
Location/Qualifiers
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Patent:
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Sequence 9 from Patent WO0119397.
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
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Pred. No. 86
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Best Local Similarity
Matches 20; Conserv
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Best Local
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20; Conserv
       I (bases 1 to 20)

It (bases 1 to 20)

Ref (bases 1 to 20)

DPC4 polypeptide

Patent: US 5814457-A 70 29-SEP-1998;

Location/Qualifiers
                                                                                                                 AR043282
Sequence 70 from patent
AR043282
                                                                                                                                                                                                                                                                                                                                                                                                                                                      AX609025 23 bp
Sequence 50 from Patent WO02072882.
AX609025
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                                                                                                                                                                                                                                                                                                                                              Coronary chip
Patent: WO 02
                                                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens
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                                                                         Unknown
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                                                                                                                                                                                                                                                                                                                                                                   Cullen, P. and Seedorf, U.
                                                                                                                                                                                                                                                                                                                                                                                                                                            AX609025.1 GI:28404454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     artificial sequences.
                                                              Unclassified.
                                                                                                                                                                                                                                                                                                                                                                                                                      Homo sapiens (human)
                                                                                                                                                                                             AGCGATTCTCCTACCTCAGCCT
                                                                                                                                                                                                         AGCGATTCTCCTGTCTCAGCCT 1024
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                                                                                                                                                                                                                                                                            /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ocation/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.9%;
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Pred. No. 8e+0
0; Mismatches
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Pred. No. 8e+02;
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S 5814457.
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Zarling, D.A. and Reddy, G.
Use of rad51 inhibitors for p53 gene therapy
Patent: WO 02058738-A 8 01-AUG-2002;
                                                                                  /organism="synthetic construct"
/mol_type="unassigned DNA"
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                                                                   /note="Antisense oligonucleotide"
                                 DB 1;
                                 Length
Indels
                                   23;
0,
Gaps
0
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. linear PAT 17-FEB-2003

Length

0

2 PAT 29-SEP-1999 0

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REFERENCE
AUTHORS
TITLE
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AR074937
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DEFINITION
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AR124511/c
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 AR124512
Sequence 81
AR124512
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of rank expression
Patent: US 6171860-A 80 09-JAN-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                               AR124511
Sequence 80 from patent
AR124511
AR124511.1 GI:14109872
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tumor suppressor gene, DPC4
Patent: US 5955292-A 70 21-SEP-1999;
Location/Qualifiers
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Sequence 70 from patent US
AR074937
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Kern, S.E. and Hahn, S.A.
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Similarity 95.0%;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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          patent US
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Pred. No. 7.5e+02;
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Pred. No. 7.5e
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BD237996
  RESULT 436
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EN JP 20025
PD 06-AUG-2
PP 14-SEP-1
PR 16-SEP-1
PR 16-SEP-1
PR 16-SEP-1
PR 16-SEP-1
O C12U15/0
PC A61P5/50
PC A61P5/50
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BD237996
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    BD267626
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392 GTGCTGGGATTACAGGCGTG 411
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Baker, B.F. and Cowsert, L.M.

Antisense inhibition of rank expression

Patent: US 6171860-A 81 09-JAN-2001;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             artificial sequences.

1 (bases 1 to 20)
Sheppard, P.O. and Foley, K.P.
Gastric polypeptide ZSIG28
Patent: JP 2002524103-A 5 06-AUG-2002;
                                                                                                                                                                                                                                                        C12N1/15,

PC C12N1/19,C12N1/21,C12N5/10,C12P21/02,C12P21/08,C12Q1/02 PC
,C12Q1/68,G01N33/15,

PC G01N33/50,G01N33/53,G01N33/577,C12N15/00,C12N5/00,A61K37/02

Oligonucleotide primer ZC12502
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                                                                                                                                                                                                                                                                                                                                                        14-SEP-1999 JP 2000570197
16-SEP-1998 US 09/154444
PAUL O SHEPPARD, KEVIN P FOLEY
C12N15/09, A61K38/00, A61K39/395, A61K39/395, A61P1/04, A61P1/14, A61P3/08,
                                                          1.9%;
llarity 95.0%;
Conservative
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                                                                                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                          Score 18.4; D. Pred. No. 7.5e 0; Mismatches
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Pred. No. 7.5e+02;
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PAT 17-JUL-2003

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GENENTECH INC
OS Artificial Sequence
PN JP 2002533062-A/22
PD 08-OCT-2002
PF 03-NOV-1999 JP 2000585265
PF 30-NOV-1999 US 60/110286
15-JUL-1999 US 60/143886
PI SEAN ADAMS, JAMES PAN
PC C12N15/09, A61X31/7125, A61X4:
PC A61P25/28
PC A61P29/00, A61P31/04, A61P43//
PC C12N1/21, C12N5/10, C12P21/02
PC C12N1/21, C12N5/10, C12P21/02
C12P21/08, (C12P21/02, C12R1:)
PC 02, C12R1:91)
PC C12N15/00, C12N5/00
CC Artificial Sequence 1-20
FH Key 1. 20
FT Source //organism='/
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 1 Similarity
19; Conserv
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                                                                                                                                                              Platzer,M., Platzer,C., Gudermann,T., Hebebrand,J., Reichwald,K.
Mchrl variant associated with human obesity
Patent: WO 2003104489-A 27 18-DEC-2003;
Philipps-Universitaet Marburg (DE)
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CQ758903
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(bases 1 to 20)
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A61P29/00,A61P31/04,A61P43/00,C07K14/47,C07K16/18,C07K16/46,
   Conservative
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C12N15/09, A61K31/7125, A61K45/00, A61K48/00, A61P3/04, A61P17/02.
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                                                                             /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                 note="Primer raxxxxxx6-F"
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Patent: WO 2003104489-A 82 18-DEC-2003;
Philipps-Universitaet Marburg (DE)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                 Primers for synthesizing full length cDNA clones
Patent: EP 1396543-A 4367 10-MAR-2004;
Research Association for Biotechnology (JP)
Location/Qualifiers
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Sequence 4367 from Patent
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Polymorphisms in th clcn7 gene as genetic markers for b Patent: WO 2004046381-A 7 03-JUN-2004;
The University Court of The University of Aberdeen (GB)
Location/Qualifiers
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Monia, B.P. and V
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182133
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Fukui.T., Katsuragi,K., Kinoshita,M.
Method for detecting polymorphism of
Patent: US 5719026-A 43 17-FEB-1998;
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                             Unknown
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Kern, S.F. and Hahn, S.A.
Tumor suppressor gene, DPC4
Patent: US 5712097-A 70 27-JAN-1998;
                                          Unknown
                                                             AR205392.1
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/mol_type="unassigned DNA"
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Wyatt,J.
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AR236783/c
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AR236783
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Weissman, I.L., Traver, D.J. and Akashi, K.
Mammalian myeloid progenitor cell subsets
Patent: US 6465247-A 3 15-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 20)
Bennett, C.F. and Watt, A.T.
Antisense modulation of tumor necrosis factor receptor 2
Patent: US 6410324-A 44 25-JUN-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unclassified.
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                                                                                                                                                                         Unclassified
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                                                                                   /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
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Sequence 33
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AR300719
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Patent: US 6503754-A 24 07-JAN-2003;
Location/Qualifiers
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Location/Qualifiers
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Antisense inhibition of SAP-1 expression Patent: US 6537811-A 87 25-MAR-2003; Cocation/Qualifiers
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                                       1 (bases 1 to Freier, S.M.
                                                           Unclassified
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/mol_type="genomic DNA"
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AR305303/c
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AR305342
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Best Local Similarity
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AR305303
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Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
                                                                                                                                                                                                                                                     Sequence
AR305342
                                          19;
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Unclassified.
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Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.
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                                                                                                                                         Receptor
                                                                                                                                                                                                           Unknown
                                                                                                                   Patent: US 6545137-A 296 08-APR-2003;
Location/Qualifiers
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                                                                                                                                                                                                                     Unknown.
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GTTCACTGCAACCTCTGCCT
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[larity 95.0%;
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Location/Qualifiers
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/mol_type="genomic")
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/mol_type="genomic |
                                                                                 /mol_type="genomic DNA"
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Pred. No. 7.5e+02;
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                                         Score 18.4; DB 1;
Pred. No. 7.5e+02;
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AR337151
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Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metz Nakagawa, Y., Phillips, M.S. and Twells, R.C.J. LDL-receptor
                                                                                                                                                                                                                                                                                                                                                                        Unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D., Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L., Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.

LDL-receptor
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Sequence 296 from patent
AR309446
AR309446.1 GI:31701451
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Sequence 257 from patent
AR309407
Unclassified.
1 (bases 1 to 20)
Watt,A.T.
Antisense modulation of caspase 6 ex
Patent: US 6566135-A 76 20-WAY-2003;
                                                                                                      Sequence 76 from patent US
AR337151
AR337151.1 GI:33723005
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Location/Qualifiers
1. .20
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Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="genomic
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Metzker,M.L.,
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KEYWORDS
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RESULT 460
AR370252/c
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AUTHORS
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ORGANISM
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AR370247/c
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AR370176/c
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AR370247
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l Similarity 95.0%;
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Patent: US 6300132-A 68 09-OCT-2001;
Location/Qualifiers
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Monia, B.P. and Cowsert, L.M.
Antisense inhibition of telomeric repeat binding factor
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Greider,C.W. and Le,S.
Telomerase-associated proteins
Patent: US 6300131-A 12 09-OCT-2001;
Location/Qualifiers
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/mol_type="genomic
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/mol_type="genomic |
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Pred. No. 7.5e+02;
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Pred. No. 7.5e+02;
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Sequence
AR370252
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Monia, B.P. and Cowsert, L.M.
Antisense inhibition of telomeric repeat binding
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Sequence 24 from Patent WO9937763.
AX022497
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                                                                                                       AX092651
Sequence 63 from Patent
AX092651
                                                                                                                                                                                                                                                                                                                                                                                                                                              unidentified unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unclassified.
                                                                                                                                                                                                                                                                                                                                                           Patent: WO 9937763-A 24 29-JUL-1999; FLEGEL WILLY A (DE) ; WAGNER FRANZ F
                                                                                                                                                                                                                                                                                                                                                                                              Flegel, W.A. and Wagner, F.F.
Novel nucleic acid molecules correlated with
                                 Homo sapiens
Eukaryota; Metazoa;
Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                                                                  unclassified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AX022497.1
Hayden,M.R., Brooks-Wilson,A.R., Pimstone,S.N. and Clee,S.M. Compositions and methods for modulating hdl cholesterol and
                                                                     Homo sapiens (human)
                                                                                             AX092651.1
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/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                  /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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95.0%;
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Pred. No. 7.5e
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Pred. No. 7.5e+02;
0; Mismatches 1;
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                                  Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX115283/c
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Sequence 53
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AX112405.1
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Patent: WO 0115676-A 63 08-MAR-2001;
University of British Columbia (CA)
Location/Qualifiers
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AX115283
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Methods for generating databases and databases for identifying Methods for genetic markers

Patent: WO 0127857-A 53 19-APR-2001;

Sequenom, Inc. (US)

Location/Qualifiers
                                                               Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods
Patent: WO 0129262-A 406 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="synthetic construct"
|mol type="unassigned DNA"
|db xref="taxon:32630"
|noce="Primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                   /note="Oligonucleotide Primer"
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Pred. No. 7.5e+02;
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                                                                                                                                                                                                                          Picoult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 2886 26-APR-2001; Orchid BioSciences, Inc. (US)
                                                                                                                                                                                                                                                                                                                                                      Sequence 2886 from Patent AX117763
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/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Primer"
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/mol_type="unassigned DNA"
/mol type="taxon:32630"
/noTe="Primer"
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                                                                                                                                                                       385 TCCCAAAGTGCTGGGATTAC 404
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                 Novel LDL-receptor.
BD106214
BD106214.1 GI:23201032
JP 2002501376-A/229.
Chlamydia sp.
Chlamydia sp.
Bacteria; Chlamydiae; Ch.
                                                                                                                                                                                                                                                                                                                                                                                                                                           AX360256
Sequence 9 1
AX360256
AX360256.1
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                                                                                                                                                                                                                                                                                                                                                                                                           synthetic construct synthetic construct
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Bristol-Myers Squibb Co. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Novel immunoglobulin superfamily members and uses thereof
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                                                                                                                                                                                                                                                                                                                                                                        Braun, A.
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                                                                                                  BD106214
                                                                                                                                                                                                                                                                                                                                      Patent: WO 0204489-A 9 17-JAN-2002;
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                                                                                                                                                                                                                                                                                                                                                                                                 artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          artificial sequences.
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Similarity 95.0%;
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ilarity 95.0%;
Conservative
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
sp.
Chlamydiae; Chlamydiales;
1 to 20)
                                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                     /note="Oligonucleotide Primer"
                                                                                                                                                                                                                                                                                                              Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                sequences
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Pred. No. 7.5e+02;
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                    Chlamydia.
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RESULT 470
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Best Local Similarity
Matches 19; Conserv
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                                                                                                                                                                                                                                                                                                                                                               JOURNAL
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 Query Match
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                                                                              source
                                                                                                       Patent: JP 2002501376-A 268 15-JAN-2002;
THE WELLCOME TRUST LID AS TRUSTEE TO THE WELLCOME :
INC

PN JP 2002501376-A/268

PD 15-JAN-2002

PF 15-APR-1998 JP 1998543635

PR 15-APR-1997 US 60/043553,05-JUN-1997 US 60/043554,00 PATRICIA HEY PL DAVID GENOLD, HOLLY HAMMOND, PATRICIA HEY PC C12N15/12,C12N15/11,C12Q1/68,C07K14/705,C07K14 PC A61K39/395,
PC A61K39/395,
PC A61K39/395,
PC A61K39/00 Strandedness: Single;
PC Topology: Linear;
CC Topology: Linear;
FH Key Total figure (California) Constitution (Qualifiers)
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INC

PN JP 2002501376-A/
PD 15-JAN-2002
PF 15-APR-1998 JP 1
PR 15-APR-1997 US
JOHN ANDREW TODD, JOHN
THOMAS CASKEY, ROGER
PI DAVID COX,
PI DAVID GERHOLD, HC
PC C12N15/12, C12N15/PC A61K39/395,
PC A61K48/00
CC Strandedness: Si
CC Topology: Linear
FH Key
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Novel LDL-receptor
Patent: JP 2002501376-A 229 15-JAN-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                    BD106253
BD106253.1 GI:23201071
JP 2002501376-A/268.
Chlamydia sp.
Chlamydia sp.
Chlamydia sp.
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
                                                                                                                                                                                                                                                                                                                                   Novel LDL receptor
Novel LDL receptor
Patent: JP 2002501376-A 268 15-JAN-2002;
Patent: JP 2002501376-A 27RUSTEE TO THE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Todd,J.A., Hess,J.W., and Hey,P.
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15-APR-1998 JP 1998543635
15-APR-1997 US 60/043553,05-JUN-1997
ANDREW TODD, JOHN WILFRED HESS, CHARLES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DAVID COX,
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
A61K39/395,
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DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
A61K39/395,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Chlamydia sp."
/mol_type="genomic DNA"
/db_xref="taxon:35827"
                           /organism="Chlamydia sp.
/mol_type="genomic DNA"
/db_xref="taxon:35827"
                                                                                             Location/Qualifiers
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   1.9%;
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Pred. No. 7.5e+02;
0; Mismatches 1
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Score 18.4;
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                                                                                                                                                                                                                                                                                                                                                                                                             Gerhold, D., Hammond
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ACCESSION
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BD128151/c
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BD124085
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                                                    TITLE
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AUTHORS

AUTHORS

FregellvA. and Wagner, F.F.

Patent: JP 2002500884-A 24 15-JAN-2002;

ENT

OS

Unidentified

PD 15-JAN-2002

PF 18-DEC-1998 JP

PR 23-JAN-10
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                                                                                                                                   BD128151
Primer for synthesizing f
BD128151
BD128151.1 GI:23223096
JP 2002017375-A/3582.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PC ,
Koga.H.

Koga.H.

Primer for synthesizing full-length cDNA and use thereof Patent: JP 2002017375-A 3582 22-JAN-2002;

HELIX RESEARCH INSTITUTE
                                                                                                                      unidentified
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                                                                  1 (bases 1 to 20)
Ota, T., Nishikawa, T.,
                                                                                                            unidentified
                                                  Ota,T., Nishikawa,T., Isogai,T., Hayashi,K.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,
                                                                                             unclassified
                                                                                                                                                                                                                                                                                                                                  Similarity
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/desc = 'oligonucleotide'
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                                                                                                                                                                                                                                                                                                                                                                                                                             /organism='Unidentified'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                       /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                  1.9%;
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Pred. No. 7.5e
0; Mismatches
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to Rhesus weak D
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                                                        , Ishii,S., Kawai,Y.,
,S., Otsuki,T. and
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BD138320/c
LOCUS
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PD 22-JAN-2002

PF 07-JUL-2000 JP 2000253172

PF 07-JUL-2000 JP 2000253172

PI TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUH

PI ISHII,

PI VURI KAWAI, AI WAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI, PI

SHINICHI KOJIMA,

PI TETSUJI OTSUKI, HISASHI KOGA

PC 12000 JANANA JA
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                                                                                                                                                                                                                                                              BD138320
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TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUKO
                                                                                                                                                                                                                                                           Strandedness: Single;
Topology: Linear;
Antisense modulation of human
                                                                                                                                                                                                                                                                                                                                         C12N15/00
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                                                                                                                                                               /organism='Unidentified'
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/db_xref="taxon:32644"
                                                                     /organism="unidentified
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 7.5e+02;
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Score 18.4; DB 1;
Pred. No. 7.5e+02;
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I34289/c
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KEYWORDS
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BD138342/c
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VERSION
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Matches 19
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134289
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19; Conserv
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 268 26-MAR-2002;
ISIS PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BD138342.1 GI:23233287 JP 2002508944-A/268.
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                                                                                1 (bases 1 to 21)
Munroe, D.J. and Housman, D.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      unidentified
                                 Patent: US 5597694-A 3 28-JAN-1997;
Location/Qualifiers
                                                                                                                     Unknown
                                                                                                                              Unknown
                                                                                                                                                     134289.1
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                                                                    Interspersed repetitive
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Antisense modulation of human
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LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/0488
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JP 2002508944-A/268
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Location/Qualifiers
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                                                                                                                                                      GI:1825080
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95.0%;
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AX145874/c
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ACCESSION
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Best Local :
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Best Local S
Matches 19
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836 TGATCTGCCTGCCTCGGCCTC 856
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Sequence 65 from Patent W00134840.
AX145874
AX145874.1 GI:14284392
                                                                                                                                                  Au,K.G., Chen,J.G., rall, Patenthods Genetic compositions and methods Patent: WO 0134840-A 315 17-MAY-2001; GLAXO GROUP LIMITED (GB); Affymetrix, Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Au,K.G., Chen,J.G., Patil,N. and Thomas,D. Genetic compositions and methods Patent: WO 0134840-A 65 17-MAY-2001; GLAXO GROUP LIMITED (GB); Affymetrix, Included Location/Qualifiers
                             19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                                                                    Sequence 315 from Patent AX146124
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Similarity 95.0%;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                       AX146124.1 GI:14284642
                                                                                                                                                                                                                                                                                                                                                                 AX146124
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                             Homo sapiens
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                             Conservative
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                                                                                  /note="'n' represents a polymorphic base"
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Pred. No. 7.8e+02;
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                           Score 18.4; DB 1; Length 21; Pred. No. 7.8e+02; O; Mismatches 2; Indels
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Sequence 309 from Patent WO03000727.
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polymorphism.
E50642
E50642.1 GI:18629423
JP 2001017185-A/6.
                                                     E50642
22 bp DNA linear PAT Simple detection method of drug-metabolizing synthetase
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Similarity 95.0%; Pred. No.
19; Conservative 0; Mismato
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llarity 95.0%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 1
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1 (bases 1 to 22)

1 (bases 1 to 22)

LAHORS Mizugaki,M. and Hiratsuka,M.

TITLE Simple detection method of drug-metabolizing synthetase gene JOURNAL PARKMACEUT CO LTD

COMMENT OS Unidentified PN JP 2001017185-A/6
PD 23-JAN-2001
PF 10-DEC-1999 JP 199351610
PR MICHINAO MIZUGAKI,MASAHTT
PC C12N15/09,C12Q1/68

FT SOUT
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AUTHORS
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BD233970/c
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Multiple amplification of
BD233970
BD233970.1 GI:33043740
JP 2002530121-A/31.
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Sequence 31
AR061839
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Schumm,J.W., Micka,K.A. and Rabbach,D.R.
Multiplex amplification of short tandem repeat loci
Patent: US 5843660-A 31 01-DEC-1998;
Location/Qualifiers
                      Homo sapiens (human)
            Eukaryota; Metazoa;
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                                                                                                                                                                                                                                                                                                                          Unknown
                                                                                                                                                                                                                                                                                                                                    Unknown.
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                                                                                                                                                                                                                                                                                                               Unclassified.
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ilarity 95.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="unidentified"
/mol_type="genomic DNA"
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                                                                                                                                                                                                                            /mol_type="unassigned DNA"
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  Chordata;
Primates;
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  Craniata; Vertebrata; Catarrhini; Hominidae;
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AR074596
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AR252830/c
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Sequence 31
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Brook, J. David., Ho
                                                                           Sequence 13
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                      Unclassified
                                          Unknown.
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nilarity 95.0%;
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  Housman, D.E.,
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E 1 (bases 1 to 23)

S Schumm, J.W. and Sprecher, C.J.

S Multiple amplification of short tandem repeat gene site

Patent: JP 2002530121-A 31 17-SEP-2002;

PROMEGA CORP

ON JP 2002530121-A/31

PN JP 2002530121-A/31

PD 17-SEP-2002

PP 24-NOV-1999 JP 2000584113

PR 25-NOV-1998 US 09/199542

PI JAMES W SCHUMM, CYNTHIA J SPRECHER

PC C1201/68, C12N15/09, C12N15/09, G01N33/53, G01N33/566, G01N

PC C12N15/00,

PC C12N15/00,

PC C12N15/00

CC D226683

FT SOURCE 1. .23

FT SOURCE 1. .23

/Organism='Homo sapiens (human)'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 23)
Schumm, J.W. and Sprecher, C.J.
Multiplex amplification of short tandem
Patent: US 6479235_A 31 12-NOV-2002;
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25-NOV-1998 US 09/199542
JAMES W SCHUMM, CYNTHIA J SPRECHER
C12Q1/68,C12N15/09,C12N15/09,G01N33/53,G01N33/566,G01N33/58,
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 8.4e+02;
0; Mismatches 1
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Pred. No. 8.4e+02;
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Shaw, D.J.,
Harley, H.G.
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DNA sequence encoding the myotonic dystrophy gene and Patent: US 5955265-A 13 21-SEP-1999;
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AR083935
                                             ch 1.8%; l.Similarity 89.5%; 17; Conservative
                                                                                                                                                               1 (bases 1 to 19)
Brook, J. David., Housman, D.E., Shaw, D.J., Harley, H.G. Johnson, K.J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DNA sequence encoding the myotonic dystrophy gene and uses thereof Patent: US 5955265-A 14 21-SEP-1999;
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Brook, J. David., Housman, D.E., Shaw, D.J.,
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                                                                                                                                          DNA sequence encoding the myotonic dystrophy gene and uses thereof Patent: US 5977333-A 13 02-NOV-1999;
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/mol_type="unassigned DNA"
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                                                                                                                           Location/Qualifiers
                                                                                                        organism="unknown"
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Pred. No. 7.3e+02;
2; Mismatches 0
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                                              2;
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Pred. No. 7.
                                              Score 18.2; DB 1;
Pred. No. 7.3e+02;
2; Mismatches 0;
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S 5955265.
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5977333.
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AR083936/c
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AUTHORS
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123816/c
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17; Conserv
                                                                      Sequence
123816
123816.1
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Brook, J. David., Ho
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Siciliano,M.J. and Liu,P.
In-situ hybridization probes for identification specific hybridization probes and regions patent: US 5538869-A 1 23-JUL-1996;
Location/Qualifiers
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1 (bases 1 to 19)
Siciliano, M.J. and Liu, P.
In-situ hybridization probes
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/mol_type="unassigned DNA"
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Pred. No. 7.3e+02;
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19
                                                                                                                              Unclassified.

(bases 1 to 19)

Gilliam, T. Conrad. and Tanzi, R.E.

Wilson's disease gene
Patent: US 5578493-A 2 26-NOV-1996;
                                                                                                                                                                                                                        Sequence 2 from patent US 129970 129970.1 GI:1820761
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unclassified.

1 (bases 1 to 19)
Gilliam, T. Conrad. and Tanzi, R.E.
Wilson's disease gene
Patent: US 5578493-A 1 26-NOV-1996;
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Patent: US 5538869-A 2 23-JUL-1996;
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           CAGGCTGGAGTGCAGTGGC 663
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Location/Qualifiers
                                                                                     /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 7.3e+02;
2; Mismatches 0
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Pred. No. 7.3e+02;
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RESULT 492

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Sequence 30
AR094528
AR094528.1
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AR140523
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FADD-like anti-apoptotic molecules, methods of using compositions for and methods of making the same Patent: US 6207801-A 7 27-WAR-2001;
                                                                                                                                                                                                                                                                                                                  Monia,B.P., Baker,B.F. and Cowsert,L.M. Antisense modulation of CREL expression Patent: US 6001652-A 30 14-DEC-1999;
Location/Qualifiers
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Sequence 1 from Patent WO9851790
AX033909
                                  1 (bases 1 to 18)
Alnemri, E.S.
                                                                 Unknown
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/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
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Alnemri,E.S.
FADD-like anti-apoptotic molecules, methods compositions for and methods of making the Patent: US 6207801-A 9 27-MAR-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 184 from Patent CQ766223 CQ766223.1 GI:44908483
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IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                     /note="HS consensus sequence"
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AR343036
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Location/Qualifiers
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Alnemri, E.S.
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Alnemri, B.S.
Alnemri, B.S
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Sequence 1526 from Patent
AX116403
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Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods
Patent: WO 0129262-A 1526 26-APR-2001,
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Sequence 46 from Patent WO02101045.
AX708864
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                                                                                                       Vanilloid receptor-related nucleic acids
Patent: WO 02101045-A 46 19-DEC-2002;
Novartis AG (CH); IRM LLC (BM)
Location/Qualifiers
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                                                    /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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Nymox Corporation (CA)
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Sequence 43 from Patent WO03008443.
AX709019
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Sequence 44 from Patent WO03008443
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Similarity 100.0%; Pred. No. 7.2e+02;
18; Conservative 0; Mismatches 0;
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/mol_type="unassigned DNA"
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Sequence 4 from Patent WO03027328.
AX741030 GI:30523891
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Patent: WO 03027328-A 4 03-APR-2003;
Boston Probes, Inc. (US); DakoCytom
Location/Qualifiers
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Sequence 16 from Patent
AX741042
AX741042.1 GI:30523903
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BD093442 I8 bp DNA linea FADD-like anti-apoptotic molecules, methods of u compositions for and methods of making the same. BD093442 GI:22639030
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/mol_type="genomic DNA"
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/mol type="genomic DNA"
/db_xref="rtaxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
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208 AGGCTGGTCTCGAACTCC 225
851 GGCCTCCCAAAGTGCTGG 868
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PF 20-MAY-1998 JP 1998550515 PR 20-MAY-1998 JP 1998550516 PR 20-MAY-1997 US 08/859167
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Alnemri, E.S.
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FADD-like anti-apoptotic molecules, methods of u
compositions for and methods of making the same.
BD093444
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     artificial sequences.
1 (bases 1 to 18)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            synthetic construct
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Strandedness: Single;
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25-DEC-2001
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20-MAY-1997 US 08/8591
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C07H21/04,G01N33/48,G01N33/53,G01N33/574,C12P21/06,C07K16/00
Strandedness: Single;
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                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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100.0%; Pred. No. 7.2
ive 0; Mismatches
                                                                        1.8%;
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                                                      Score 18; pred. No.
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7.2e+02;
                                                    DB 1; Length 18; 7.2e+02;
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AX183701/c
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AX133851
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AX114983/c
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        AX183701 19 bp D
Sequence 1454 from Patent WO0142511.
AX183701
AX183701.1 GI:15135024
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 106 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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synthetic construct
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ilarity 100.0%;
Conservative (
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Corporation (US)
                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note="Primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="unassigned
/db_xref="taxon:32630"
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100.0%; Pred. No. 7.5e+02;
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AR370243/c
LOCUS
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AUTHORS
TITLE
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AX183924/c
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KEYWORDS
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SOURCE
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Best Local Similarity
Matches 18; Conserv
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                                                1 (bases 1 to 20)
Monia, B.P. and Cowsert, L.M.
Antisense inhibition of tel
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Sequence 64 from patent US
AR370243
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Patent: WO 0142511-A 1677 14-JUN-2001,
WHITEHEAD INSTITUTE FOR BIOMEDICAL RES
Biotherapeutics Corporation (CA)
Location/Qualifiers
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Patent: WO 0142511-A 1454 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
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Homo sapiens
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                expression Patent: US 6300132-A 64 09-OCT-2001;
                                                                                                                                                                        AR370243.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Daly, M., Hudson, T.J., Lander, E.S.,
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Mammalia; Eutheria; Primates;
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                                                                                                     Unclassified
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
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/db_xref="taxon:9606"
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94.7%;
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Pred. No. 7.5e+02;
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Pred. No. 7.5e+02,
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                                                     factor
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Sequence 1198 from Patent WO0129262.
AXI16075
AXI16075.1 GI:14033017
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Genotyping reagents, kits and methods patent: WO 0129262-A 1198 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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AX399803
AX399803.1 GI:21335538
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Homozygous deletion of chromosome 8p23 in hepatocellular carcinoma
Patent: WO 0224948-A 28 28-MAR-2002;
INST NAT SANTE RECH MED (FR); PASTEUR INSTITUT (FR)
                                                                                                                                                                                                                                                  synthetic construct
synthetic construct
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/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Primer"
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/db_xref="taxon:32630"
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Asthma related genes
Patent: US 6087485-A 61 11-JUL-2000;
Location/Qualifiers
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Brooks-Wilson, A.R., Bud
Miller, A. and North, M.
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Sequence 2829 from Patent
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AX117706.1 GI:14034657
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Patent: US 6348596-A 7 19-FEB-2002;
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Lee,L.G., Graham,R.J., Mullah,K.B. and Haxo,F.T.
Non-fluorescent asymmetric cyanine dye compounds
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Similarity 90.0%;
18; Conservative
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Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods of use thereof
                                        synthetic construct
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/mol_type="unassigned DNA"
                              construct sequences.
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AUTHORS Wilson, A.R.B., Buckler, A., Cardon, L., Carey, A.H., Ga. Wilson, A.R.B., Buckler, A., Cardon, L., Carey, A.H., Ga. Miller, A. and North, M.

TITLE Asthma-associated gene JOURNAL AXYS PHARMACBUTICALS INC
OS Unidentified PN UP 2002500895-A/57
PD 15-JAN-2002
PF 21-JAN-1998 UP 2000528715
PF ANGELA R BROOKS WILSON, ALAN BUCKLER, LON CARDON, ALISOUN H CAREY, CAREY, ANDREW MILLER, MICHAEL NORTH PC C1201/68, A01K67/027, C07K14/47, C12N15/09, C12N15/00 CC Strandedness: Single;
CC Topology: Linear;
CC Topology: Linear;
CC Topology: Linear;
FT Source
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Unclassified
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AR242947
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An,G., O'Hara,S.Mark., Ralph,D. and Veltri,R.
Biomarkers and targets for diagnosis, prognos
prostate, breast and bladder cancer
Patent: US 6218529-A 87 17-APR-2001;
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                                                                                                   Brunkow,M.E., Proll,S. and Paeper,B.
Methods for identifying genomic deletions
Patent: WO 0210455-A 93 07-FBB-2002;
Celltech R & D. Inc. (US) ; Straehling-Hampton,
Location/Qualifiers
                                                                                                                                                                                    synthetic construct synthetic construct
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Brunkow,M.E., Proll,S., Paeper,B. and Staehling-Hampton,
Methods for identifying genomic deletions
Patent: US 6475739-A 93 05-NOV-2002;
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/note="PCR primer"
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                                                                            organism="synthetic construct"
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OS Homo sap
PN JP 20025
PD 17-SEP-2
PF 24-NOV-1
PR 25-NOV-1
PI JAMES W
PC C1201/68
PC C12015/0
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FT source
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Sequence
AR061829
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1 (bases 1 to 21)

Schumm, J. W. and Sprecher, C. J.

Multiple amplification of short tandem repeat gene site

Processing Company Compan
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Multiple amplification of short
BD233960
BD233960.1 GI:33043730
JP 2002530121-A/21.
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Location/Qualifiers
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Schumm, J.W., Micka, K.A. and Rabbach, D.R.
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p 2002530121-A/21
17-SEP-2002
24-NOV-1999 JP 2000584113
25-NOV-1998 US 09/199542
25-NOV-1998 US 09/199542
C12Q1/68,C12N15/09,C12N15/09,G01N33/53,G01N33/566,G01N33/58,
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/mol_type="unassigned DNA"
                                                                                                                                                    /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Pred. No. 8.4e+02;
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RESULT 524
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CQ760567.1
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19; Conserv
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Aarhus University (DK); Arbejdsmilj Inst
Institute of Occupational Health) (DK)
Location/Qualifiers
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CQ760693
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CQ801123
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llarity 90.5%;
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Probe"
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/db_xref="taxon:32630"
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Pred. No. 8.4e+02;
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Pred. No. 8.4e+02;
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I19929
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               van Dongen,J.J., Langerak,A.W., Schuuring,E.M., san Miquel,J.F., garzia Sanz,R., Parreira,A., Smith,J.L., Lavender,F.L., Morgan,G.J., Evans,P.A., Kneba,M., Hummel,M., Macintyre,E.A. and Bastard,C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 114 from Patent CQ801123 CQ801123.1 GI:47057895
                                                                        Sequence 67
AR212820
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: 3'MBR2
(+1224)"
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/mol_type="unassigned DNA"
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1 (bases 1 to 21)

Brunkow, M.E., Proll, S., Paeper, B. and Staehling-Hampton, K.
Brunkow or identifying genomic deletions
Methods for identifying 35-NOV-2002;
Patent: US 6475739-A 87 05-NOV-2002;
Location/Qualifiers
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Method and reagents for testing for mutations
Patent: US 6403303-A 67 11-JUN-2002;
Location/Qualifiers
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Notice and Sprecher, C.J.
Multiplex amplification of short tandem
Patent: US 6479235-A 21 12-NOV-2002;
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Sequence 21 from patent US
AR252820
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                                                                                       /organism="unknown"
/mol_type="genomic
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Fu,Y.-H., Yu,C.-E., Oshima,J., Mulligan,J.,
Gene products related to werner's syndrome
Patent: US 6583112-A 7 24-JUN-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                         Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods
Patent: WO 0129262-A 393 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 393 from Patent
AX115270
AX115270.1 GI:14032212
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                                                                                                           Sequence 1202 from Patent AX116079
Picoult-Newburg,L. and Pohl,M.

Genotyping reagents, kits and methods of use Patent: WO 0129262-A 1202 26-APR-2001;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX353618/c
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AX384993/c
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Sequence 16 from Patent
AX353618
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                                                                                                        Brunkow,M.E., Proll,S. and Paeper,B.
Methods for identifying genomic deletions
Patent: WO 0210455-A 87 07-FEB-2002;
Celltech R & D. Inc. (US); Straehling-Hampton,
Location/Qualifiers
                                                                                                                                                                                                    synthetic construct synthetic construct
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Patent: WO 0204508-A 16_17-JAN-2002;
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/mal_type="unassigned DNA"
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/noTe="Primer"
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                  /note="PCR primer"
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Pred. No. 8.4e+02;
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Score 17.8; DB 1; Pred. No. 8.4e+02; 0; Mismatches 2
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Pred. No. 8.4e+02;
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Sequence 7 from Patent W003027328.
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AX741033.1 GI:30523894
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Sequence 40 from Patent
AX676183
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Boston Probes, Inc. (US); DakoCytomation Denmark A/S
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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequence
in genomic nucleic acid
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                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
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/db_xref="taxon:32630"
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RESULT 538

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AX823486
AX823486.1 GI:39749946
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Susceptibility locus for schizophrenia
Patent: WO 03050301-A 89 19-JUN-2003;
Gurling, Hugh Malcolm Douglas (GB)
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AX785478
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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
Patent: WO 03027328-A 19 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
Location/Qualifiers
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Method for sorting single-stranded nucle
Patent: WO 03072818 A 2 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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Corporation (US)
Location/Qualifiers
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Sequenz:Capture-Oligonukleotid"
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15
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                                                                                               'note="LNA-T (Locked Nucleic Acid)"
'mod_base=OTHER
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Pred. No. 8.
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AX825151
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JP 2001508291-A/38
26-JUN-2001
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synthetic construct

M synthetic construct

artificial sequences.

1 (Dases 1 to 21)

Lifton,R.P. and Simon,D.B.

Method to diagnose and treat pathological co
deficient ion transport
Patent: JP 2001558291-A 38 26-JUN-2001;

YALE UNIVERSITY
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Method to diagnose and treat
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/mod_base=OTHER
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/mod_base=OTHER
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Beschreibung der kuenstlichen
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/mod_base=OTHER
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PR 31-DE
PR RICHA
PC C12N1
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PC C12P2
for analys
FH Key
l Similarity
19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 22)
Chenchik, A., Jokhadze, G. and Bibilashvilli, R.
Methods of assaying differential expression
Patent: US 5994076-A 25 30-NOV-1999;
Location/Qualifiers
                                                                                      Unclassified.

1 (bases 1 to 22)

Papsidero,L.D., Dyster,L.M. and Frustaci,J. Detection and treatment of breast disease Patent: US 6306653-A 10 23-OCT-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unknown.
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31-DEC-1996 US 08/778052
RICHARD P LIFTON, DAVID B SIMON
C12N15/09,C07K14/435,C07K16/00,C12N1/15,C12N1/19,C12N1/21, PC
  Conservative
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Pred. No. 8.4e+02;
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1 (bases 1 to 22)
1 (bases 1 to 22)
Brunkow,M.E., Proll,S., Paeper,B. and Staehling-Hampton,K.
Methods for identifying genomic deletions
Patent: US 6475739-A 88 05-NOV-2002;
Location/Qualifiers
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Sequence 25
AR259094
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1 (bases 1 to 22)

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Chenchik, A., Jokhadze, G. and Bibilashvilli, R. Methods of assaying differential expression Patent: US 6352829-A 25 05-MAR-2002;

Location/Qualifiers
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                                                                                                                                                                                                                                    /organism="unknown"
/mol_type="genomic"
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S 6475739.
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S 6352829.
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PAT 20-DEC-2002

DB 1;

Length 22;

Indels

<u>,,</u>

Gaps

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DNA

PAT

20-DEC-2002

DB 1;

Length

Indels

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Gaps

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1.8%;
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Location/Qualifiers
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AX384994
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Genotyping reagents, kits and methods of Patent: WO 0129262-A 3002 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                     Brunkow,M.E., Proll,S. and Paeper,B. Methods for identifying genomic deletions Patent: WO 0210455-A 88 07-FEB-2002; Celltech R & D. Inc. (US) ; Straehling-Hampton, Location/Qualifiers
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Sequence 3002 from Patent
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AX117879.1 GI:14034830
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                                                      /note="PCR primer"
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Abies alba
                                                                                                                                                                                                                            Lipase genes and proteins
Patent: WO 03055995-A 66 10-JUL-2003;
Wen, Xiao-Yan (CA); Stewart, A., Kei
; Hegele, Robert, A. (CA)
Location/Qualifiers
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BD137074 22 bp DNA Human chemokine and utilization thereof in
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Spermatophyta; Coniferopsida; Coniferales; Pinaceae; Abies.
                                                                                                                                                                                                                                                                                             Wen, X.Y., Stewart, A.K., Tsui, L.C. and Hegele, R.A.
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66 from Patent WO03055995.
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CODON DIAGNOSTICS LLC
OS Homo sapiens (human)
PN JP 2002508963-A/5
PD 26-MAR-2002
PF 12-JAN-1^^
PR 7-
                                                                Local Similarity
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AR148945
AR148945.1
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C07K14/52
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Papsidero, L.D., Dyster, L.M. and Frustaci, J.M.

Human chemokine and utilization thereof in detecting
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BD137074.1 GI:23232019
JP 2002508963-A/5.
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In vivo ass
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PR 20-JAN-1998 US 60/071899,09-JUL-1998 US 60/092155 PI
LAWRENCE D PAPSIDERO,LYN M DYSTER,JANA M FRUSTACI PC
C12N15/09,A61K38/00,A61K39/395,A61K39/395,A61P15/00,A61P35/00, PC
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                               Unclassified.
1 (bases 1 to 19)
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                        TCACCCAGGCTGGAGTGCA 658
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TCGCCCAGGCTGGAGTGCA 19
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                                                                                                    /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                            Location/Qualifiers
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                                                                                                                                                                                                                                                                  GI:15113536
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                                                               Score 17.4;
Pred. No. 8.
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Pred. No. 8.
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RESULT 555

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18; Conserv
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PC C12
PC A61
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1 (Dases 1 to 19)

Tavtigian,S.V., Teng,D.H.F., Simard,J. and Rommens,J.M.
Chromosome 17q-linked prostate cancer susceptibility gene
Patent: JP 2002529065-A 99 10-SEP-2002;

MYRIAD GENETICS INC, THE HOSPITAL FOR SICK CHILDREN
                                                                                                                   Mchrl variant associated with human obesity Patent: WO 2003104489-A 98 18-DEC-2003; Philipps-Universitaet Marburg (DE)
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JP 2002529065-A/99
10-SEP-2002
05-NOV-1999 JP 2000581041
06 NOV-1998 US 60/107468
SEAN V TAVTIGIAN,DAVID H F TE
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G01N33/577,
G01N37/00,C12N15/00,A61K37/02,C12N5/00
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larity 94.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
                                          organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"
                                                                                                     ocation/Qualifiers
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 1.8%;
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CQ758981/c
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Sequence 105 from Patent
CQ758981
CQ758981.1 GI:44848985
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Sequence 330 from patent
I31418
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Reichwald,K.
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Location/Qualifiers
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AX115894
Sequence 1017
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ilarity 94.7%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                    /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 8.1e+02;
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Pred. No. 8.1e+02;
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Patent: WO 0129262-A 1017 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 1022 from Patent
AX115899
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Patent: WO 0129262-A 1022 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
     Picoult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 1025 26 APR-2001; Orchid BioSciences, Inc. (US)
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AX115902
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Similarity 94.7%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 8.1e+02;
0; Mismatches 1
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Pred. No. 8.1e+02;
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AX116342
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                  18;
                                                                                                                                  Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1465 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                    Sequence 1465 from Patent AX116342
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Similarity 94.7%;
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                                                                               organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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/db_xref="taxon:32630"
                                                                    note="Primer"
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                          1.8%;
               Score 17.4; DB 1;
Pred. No. 8.1e+02;
0; Mismatches 1;
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Pred. No. 8.1e+02;
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WO0129262.
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WO0129262.
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VERSION
KEYWORDS
                                      RESULT 566
AX226145
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KEYWORDS
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AX226138/c
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ORGANISM
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AX116350
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TITLE
JOURNAL
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Best Local Similarity
Matches 18; Conservat
                                                                                                                                               Query Match 1.8%;
Best Local Similarity 94.7%;
Matches 18; Conservative
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AX226145
Sequence 64
AX226145
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Patent: WO 0160856-A 57 23-AUG-2001;
UNIVERSITE CATHOLIQUE DE LOUVAIN (BE)
Location/Qualifiers
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1473 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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synthetic construct
artificial sequences.
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Sequence 57 from Patent W00160856.
AX226138
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                   /note="oligonucleotide"
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/db_xref="taxon:32630"
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               Patent WO0160856
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Pred. No. 8.1e+02;
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Pred. No. 8.
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WO0129262.
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BD088699/c
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Patent: W
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Sequence 258 from Patent
AX823485
AX823485.1 GI:39749945
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A method of arraying genome clone.
BD088699
BD088699.1 GI:22634309
UP 2001321190-A/943.
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synthetic construct
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Location/Qualifiers
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A method of arraying genome clone
Patent: JP 2001321190-A 943 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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                                                                                                                                                                                                                                                                                              Similarity
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1 (bases 1 to 19)
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llarity 94.7%;
Conservative
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Corporation (US)
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/mol type="unasisigned DNA"
/mol xyef="taxon:32630"
/mo xref="taxon:32630"
/noTe="oligonucleotide"
                                                                                                                                                                                                                                                                                                                                   Sequence"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 8.
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Pred. No. 8.1e+02;
0; Mismatches 1;
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BD089264/c
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Matches 18; Conserv
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OS Artif
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synthetic construct
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Patent: JP 2001321190-A 1508 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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1 (bases 1 to 19)
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CTCACTGCAACCTGTGCCT 1
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ilarity 94.7%;
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JP 2001321190-A/1508
20-NOV-2001
                                                                                                                                                                                    Description of Artificial Sequence:Synthetic DNA Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                           1.8%;
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                                              Score 17.4; DB 1;
Pred. No. 8.1e+02;
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Pred. No. 8.1e+02;
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RESULT 570 BD089283

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BD090072/c
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Best Local Similarity 94.7%;
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PN JP 2001
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PI EIICHI
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Patent: JP 2001321190-A 1527 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH,
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synthetic construct
artificial sequences.
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JP 2001321190-A/2316.
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JP 2001321190-A/1527
20-NOV-2001
                                                                   Description of Artificial Sequence:Synthetic Location/Qualifiers
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JP 2001321190-A/2316
20-NOV-2001
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                              /organism='Artificial Sequence'
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
organism="synthetic construct"

mol_type="genomic DNA"
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642 ACCCAGGCTGGAGTGCAGT
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PC C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/09,C12P21/02,
PC C12Q1/02,G01N33/15,G01N33/50//C12P21/08,C12N5/00,C12N5/00
CC Description of Artificial Sequence:an artificially synt
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PF 25-SEP-2000 JP 2000291316
PI YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI,
TAKESHI NAGASU,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tsujimoto,K.

Method of examining allergic disease

Method of examining allergic disease

Patent: JP 2002095500-A 7 02-APR-2002;

GENOX RESEARCH INC,THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL

OS Artificial Sequence

ON JP 2002095500-A/7

PN JP 2002095500-A/7
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1 (bases 1 to 19)
Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M.,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                   construct DNA,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Submitted (04-AUG-2001) Akira Horii, Tohoku University Sch
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, S
Miyagi 980-8575, Japan (B-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 chromosome 1p35-p36
Genomics 74 (1), 55-70
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         artificial sequences
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                                                                                                                                                                                                                                                                                                                    Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H. Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Direct Submission
                                                                                                                    Submitted (04-AUG-2001) Akira Horii, Tohoku University School Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendd Miyadi 980-8575, Japan (E-mailihorii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                 synthetic construct
synthetic construct
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                                                                                                                                                                                                                                                                                                          Soeda, E.
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nilarity 94.7%;
Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="forward primer for human STS sts-R192L5R at 1p36
sts-R192L5R obtained from clones B192L5, B359B13, Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
                             /organism="synthetic construct"
/mol type="genomic DNA"
/db xref="taxon:32630"
1. .19
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                                                                                                        Location/Qualifiers
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Pred. No. 8.1e+02;
0; Mismatches 1;
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forward primer
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human STS sts-R192L5R
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AR124510/c
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AR152875/c
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BD225804/c
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18; Conserv
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   Promoter region of mouse BD225804 BD225804.1 GI:33035574
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1.8%;

Score 17.4; DB 1; Pred. No. 8.5e+02; 0; Mismatches 1

Length

Indels

0

Gaps

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DNA"

0;

20 and

human telomerase

RNA component genes.

DNA

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BAC library RPCI-11"
94.7%;
Score 17.4; DB 1;
Pred. No. 8.1e+02;
            Length 19;
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0,

Mismatches

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Gaps

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1111 CAGGCTGGTCTCAAACTCC 1129
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Sequence
AR152875
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AR124510
                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 20)
Baker, B.F. and Cowsert, L.M.
Antisense inhibition of rank expression
Patent: US 6171860-A 79 09-JAN-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown
                                                                            Sidransky, D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unclassified.
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                                                       Detection of neoplasia by analysis of Patent: US 6235470-A 155 22-MAY-2001;
                                                                                                       Unclassified.
                                                                                                                      Unknown
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155 from patent US 6235470..
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/mol_type="unassigned DNA"
                                        Location/Qualifiers
/organism="unknown"
/mol_type="unassigned
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from patent US 6171860.
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SOURCE
             RESULT 579
AR215877
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AR211367
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PC A61F35/00,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12P21/02

C12Q1/68/C12N9/12,

PC (A61K35/76,A61K31:522),C12N15/00,A61K37/02,C12N5/00 CC

Description of Artificial Sequence: Primer

PH Key Location/Qualifiers

PH Source 1. 20

PT Source /organism='Artificial Sequence'.
                                                                                                                     18;
                                                                                                                                                                                                                Ogawa,M.

Protection of partial complementary nucleic acid electroconductive chip and intercalator patent: US 6399305-A 5 04-JUN-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Promoter region of mouse and human telomerase Patent: JP 2002509699-A 7 02-APR-2002; CANCER RESEARCH CAMPAIGN TECHNOLOGY LTD OS Artificial Sequence PN JP 2002509699-A/7
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synthetic construct
artificial sequences.
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AR211367
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 AR215877
                                                                                                                                                                                                                                                                           1 (bases 1 to 20)
Makino, Y., Abe, Y., Takagi, M., Takenaka, S., Yamashita, K. and
                                                                                                                                                                                                                                                                                                                      Unknown
                                                                                                                                                                                                                                                                                                                                                             AR211367.1 GI:21514670
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                                                                                                                                                                                                                                                                                                                                  Unknown.
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29-JAN-1998 GB 9801902
WILLIAM NICOL KEITH
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                                                                                                                   Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                    /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 8.5e+02;
0; Mismatches 1
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Pred. No. 8.5e+02
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 PAT 25-SEP-2002
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AR232230/c
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AR232230
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AR224566
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18; Conserv
                                           1 (bases 1 to 20)

MCKay, R., Freier, S.M. and Wyatt, J.

Antisense modulation of casein kinase

Patent: US 6455307-A 20 24-SEP-2002;
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Bennett, C.F., Freier, S.M. and Watt, A.T
Antisense modulation of phospholipase
(Ca2+-independent) expression
Patent: US 6410325-A 18 25-JUN-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 18 from patent US AR215877
                                                                                                                                                                                                                                                                                                                                                                Antisense modulation of casein kinase 2-beta expression Patent: US 6440738-A 25 27-AUG-2002;
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/mol_type="genomic DNA"
                                Location/Qualifiers
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/mol_type="genomic
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                                                                                                                                                                                                                                                                                                                              organism="unknown"
           organism="unknown"
                                                                                                                                      GI:27274222
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1 (bases 1 to 20)

Monia, B.P., Gaarde, W.A., Freier, S.M. and Wancewicz, E. Antisense modulation of TERT expression

Patent: US 6492171-A 81 10-DEC-2002;

Location/Qualifiers
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AR271788
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Sequence 81 from patent
AR266074
AR266074.1 GI:29694920
                                                                                                                                                                                                                  expression
Patent: US 6503754-A 32 07-JAN-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                          Unclassified.

1 (bases 1 to 20)
Zhang,H. and Wyatt,J.
Antisense modulation of BH3 interacting
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          AR271805
Sequence 49 from patent US
AR271805
AR271805.1 GI:29703373
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/mol_type="genomic DNA"
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/mol_type="genomic
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0; Mismatches 1;
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Pred. No. 8.5e+02;
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Zhang,H. and Wyatt,J.
Antisense modulation of BH3 interacting
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  l Similarity 94.
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Patent: US 6566135-A 4 20-MAY-2003;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                    Unclassified.
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                                                                    Antisense modulation of caspase 6 expression Patent: US 6566135-A 69 20-MAY-2003; Location/Qualifiers
                                                                                                   1 (bases 1 to 20) Watt, A.T.
                                                                                                                        Unclassified.
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/mol_type="genomic DNA"
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/mol_type="genomic |
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/mol_type="genomic |
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Pred. No. 8.5e+02;
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           Score 17.4; DB 1;
Pred. No. 8.5e+02;
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AR370244/c
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Matches 18; Conserv
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Best Local Similarity 94.7%;
Matches 18; Conservative
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Patent: WO 9938964-A 7 05-AUG-1999;
KEITH WILLIAM NICOL (GB); CANCER RES
Location/Qualifiers
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        AX117782 20 bp D
Sequence 2905 from Patent WO0129262.
AX117782
AX117782.1 GI:14034733
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Sequence 7 from Patent WO9938964.
AX019553 GI:10043467
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Monia, B.P. and Cowsert, L.M.
Antisense inhibition of telomeric repeat
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 8.5e+02;
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Sequence 5 from Patent BP1065278.
AX136903
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Yamashita, K.

Petection of partly complementary nucleic Patent: EP 1065278-A 5 03-JAN-2001; FUJI PHOTO FILM CO., LTD. (JP)
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Patent: WO 0129262-A 2905 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                            Makino, Y., Abe, Y., Ogawa, M., Takagi, M., Takenaka, S. and
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unasigned_DNA"
/db_xref="teaxon:32630"
/noce="Ag121 reverse primer"
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from Patent WO0119856.
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Pred. No. 8.5e+02;
0; Mismatches 1
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Pred. No. 8.5e+02;
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Sequence 16 from Patent WOO2077228.
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synthetic construct
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Bristol-Myers Squibb Co. (US)
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                                                                                                                       de Villartay, J.P., Moshous, D. and Fischer, A. Gene involved in v(d) recombination and/or dna repair Patent: WO 02077228-A 16 03-OCT-2002; INSERM (E.P.S.T.) (FR)
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17 from Patent WO0146260
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                              /organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Primer Ex6R1"
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/db_xref="taxon:32630"
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Pred. No. 8.5e+02;
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10-MAR-1998 US 09/0386
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artificial sequences.

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Sidlanski,D.

Sidlanski,D.

Detection of neoplasia by analysis of saliva
Patent: JP 2002505888-A 155 26-FEB-2002;
THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
OS Artificial Sequence
PN JP 2002505888-A/155
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Gene involved in v(d)j recombination and/or dna repair
Patent: WO 02077026-A 16 03-OCT-2002;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
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/noTe="primer Ex6R1"
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Pred. No. 8.5e+02;
Score 17.4; DB 1;
Pred. No. 8.5e+02;
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BD138323/c
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1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.

Patent: JP 2002508944-A 249 26-MAR-2002;

VENT OS Unidentified PM JP 2002508944-A/249

PD JP 2002508944-A/249

PD JP 2002508944-A/249

PD 26-MAR-2002

PF 26-MAR-2099

PR 26-MAR-1999

PR 26-MAR-1999
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Best Local S
Matches 18
1 (bases 1 to 20)
1 (bases 1 to 20)
1 TILE Antisense modulation of human MDM2 expression
URNAL Patent: UP 2002508944-A 256 26-MAR-2002;
PD 26-MAR-2002
PF 26-MAR-202
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Antisense modulation of human
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Antisense modulation of human
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                          /organism="unidentified"
/mol_type="genomic DNA"
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Pred. No. 8.5e+02;
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 257 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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JP 2002508944-A/257.
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Similarity 94.7%;
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Topology: Linear;
Antisense modulation of
Location/Qualifiers
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C12N15/00
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Antisense modulation of human
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
                                                                                                                                                                                                                                                                      LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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26-MAR-1998 US 09/048810
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 8.5e+02
                                           Score 17.4; DB 1;
Pred. No. 8.5e+02;
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AR043896
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A32358
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Sequence 119 from patent
AR241831
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Jallat,S., Meulien,P., Pavirani,A. and Perraud,F.
Cell lines from a transgenic mouse which express biologically active IX factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CELL LINEAGES EXPRESSING A BIOLOGICALLY ACTIVE IX FACTOR Patent: WO 9102056-A 6 21-FEB-1991;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                   Patent: US 5814716-A 6 29-SEP-1998;
Location/Qualifiers
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1 (bases 1 to 21)
1 (bases 1 to 21)
Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 119 29-OCT-2002;
                                              Unclassified.
                                                         Unknown
                                                                    Unknown.
                                                                                            AR241831.1
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                               /organism="unknown"
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Pred. No. 8.8e+02;
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AX116078/c
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Genotyping reagents, kits and methods of Patent: WO 0129262-A 1201 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 1201 from Patent
AX116078
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Location/Qualifiers
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nilarity 85.7%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="genomic |
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/db_xref="taxon:32630"
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synthetic construct

synthetic construct

artificial sequences.

E 1 (bases 1 to 21)

S Yoshikawa, T. and Hattori,E.

Yoshikawa, T. and Hattori and reagent thereof, and method for dia identification method and reagent thereof, and method for dia of anxiety disorders based thereon

Patent: JP 2002171990-A 5 18-JUN-2002;

THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH

OS Artificial Sequence

PN JP 2002171990-A/5

PD 18-JUN-2002

PD 18-JUN-2002

PD 18-JUN-2002

PO 08-DEC-2000 JP 2000375090

PI TAKED YOSHIKAWA, EIJI HATTORI

PC C12N15/09,C12Q1/68,G01N33/53,G01N33/566,C12N15/00 CC

Description of Artificial Sequence: upstream primer p5 FH X
 643 CCCAGGCTGGAGTGCAG 659
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1 (bases 1 to 17)

Garini,Y., Cabib,D., Buckwald,R.A., Ried,T. and Soenksen,D.G. Method for simultaneous detection of multiple fluorophores for in situ hybridization and multicolor chromosome painting and banding Patent: US 5817462-A 2 06-OCT-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 21 bp DNA linear PAT 17-DAN Polymorphism of upstream region of human cholecystokinin gene, identification method and reagent thereof, and method for diag of anxiety disorders based thereon.
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BD161939.1 GI:27867697
JP 2002171990-A/5.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response

patent: JP 2002509721-A 5948 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

JP 2002509721-A/5948

PD 02-APR-2002

PF 24-MAR-1999 JP 2000541291

PF 24-MAR-1999 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,

PI JAMES A MCSWIGGEN

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PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,

PI JAMES A MCSWIGGEN
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PC PC
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5967 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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BD202941.1 GI:33012711
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24-MAR-1999 UP 2000541291
27-MAR-1998 US 60/079678
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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PD 02-APR-2002

PF 24-MAR-1999 JP 2000541291

PR 27-MAR-1998 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHC PI JAMES A MCSWIGGEN

PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, C12N15/09, A61K31/7125, A61K48/00, A61P3/10, A61
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PC A61P35
C12N5/00
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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02-APR-2002
24-MAR-1999 JP 20005
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
/organism="Homo sapiens"
/mol_type="genomic RNA"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavoo,P.A., Roberts,B., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: UP 2002509721-A 5971 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5971
PD 02-APR-2002
PF 24-WAR-1999 JP 200541291
PF 24-WAR-1999 JP 200541291
PF 24-WAR-1999 JP 200541291
                                                               Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

BD202946.1 GI:33012716

JP 2002509721-A/5077
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Method and reagent for treating diseases or cond
molecule participating in vasculogenic response.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
                               Homo sapiens
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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                                                   sapiens (human)
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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7.7e+02;
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Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

E 1 (bases 1 to 17)

Pavo, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
ML Patent: JP 2002509721-A 5973 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5973
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PI PAMELA A PAVCO ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 5972 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN 19 2002509721-A/5972
PD 02-APR-2002
PD 02-APR-2002
PP 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 JP 2000541291
PF 27-MAR-1998 US 60/079678
PI DAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
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BD202947.1 GI:33012717
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Method and reagent for treating diseases concerning molecule participating in vasculogenic response Key Location/Ouplifice
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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RESULT 613 BD203031

DEFINITION LOCUS

BD203031 17 bp RNA linear PAT 17-JUL-20 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

PAT 17-JUL-2003

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PC A61P3
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1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5985 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
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larity 100.0%;
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

El (bases 1 to 17)

RS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6057 02-APR-2002;

RIBOZYME PHARWACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A 6057
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1998 US 60/079678
PI JAMEL A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
nolecule participating in vasculogenic response
RIL P2002509721-A 6086 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
JP 2002509721-A/6086
PD 02-APR-2002
PF 24-MAR-1999 US 60/079678
PI 24-MAR-1999 US 60/079678
PI JAMES A MCSWIGGEN
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PI JAMES A MCSWIGGEN
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BD203031.1 GI:33012
JP 2002509721-A/6057
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BD203060.1 GI:33012830
JP 2002509721-A/6086.
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT.
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,

JAMES A MCSWIGGEN
                                                             Conservative
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Key Location/Qualifiers
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JP 2002509721-A/6087
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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OS Homo sapiens (human)
PN JP 2002509721-A/6184
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 27-MAR-1998 US 60/0796
PI PAMELA A PAVCO, ELISABETH |
PI JAMES A MCSWIGGEN
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Homo sapiens

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response

patent: JP 2002509721-A 6185 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/6185
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002599721-A 6184 02-APR-2002;
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JP 2002509721-A/6184.
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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PC A61P35
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Homo sapiens (human)
Homo sapiens
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Sequence 2784 from Patent
AX674339
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PP 24-MAR-1999 JP 2000541291
PF 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHC PL JAMES A MCSWIGGEN
PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
                                           AX674339.1
                                                                                                                                                                                                                                                                                                                                                Patent: WO 03004526-A 263 16-JAN-2003;
Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Mammalia; E
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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             Patent: EP 1281758-A 5269 05-FEB-2003;
                                            Four human zinc-finger-containing proteins
                                                           Shannon, M.,
Aeomica,
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human zinc-finger-containing proteins
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                           Gu, Y. and Nguyen, C.T.
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100.0%; Pred. No. 7.7e+02;
tive 0; Mismatches 0;
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Sequence 5425 from Patent
AX692693
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Sequence 5427 from Patent
AX692695
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Homo sapiens
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 AX692696
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                     Aeomica,
                                                                                                                                                                                                                                                   Patent: EP 1281758-A 5427 05-FEB-2003;
                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                Similarity
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llarity 100.0%; Pred. No. 7.7e+02;
Conservative 0; Mismatches 0;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX741038/c
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AX741036/c
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Best Local Similarity 100.0%;
Matches 17; Conservative
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Matches 17; Conserv
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Sequence
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synthetic construct
synthetic construct
artificial sequences.
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synthetic construct
artificial sequences.
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Sequence 10 from Patent WO03027328
AX741036
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AX692696
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Mammalia; Eutheria; Primates;
                                                              AX741038.1 GI:30523899
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12 from Patent W003027328.
                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="texxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
Methods, kits and compositions pertaining to the suppression of detectable probe binding to randomly distributed repeat sequences in genomic nucleic acid
Patent: WO 03027328-A 12 03-APR-2003;
Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
Location/Qualifiers
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Sequence 22 from Patent WOO3027328.
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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
Patent: WO 03027328-A 22 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
Location/Qualifiers
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Kirtsen, N. V., Hyldig-Nielsen, J. J. and Williams, B.F. Methods, kits and compositions pertaining to the sug detectable probe binding to randomly distributed regin genomic nucleic acid
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AX741050
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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              suppression of repeat sequences
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Boston Probes, Inc. (US); DakoCytomal
Location/Qualifiers
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Sequence 3846 from Patent
AX760525
AX760525.1 GI:32255141
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                        Genotyping reagents, kits and methods
Patent: WO 0129262-A 909 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Location/Qualifiers
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Conservative (
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                            organism="synthetic construct"
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100.0%; Pred. No. 7.
ive 0; Mismatches
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Benselet,F., Cole,J.L., Olsen,D.B.
Capped synthetic RNA, analogs, and
Patent: US 5861501-A 1 19-JAN-1999;
Location/Qualifiers
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AR030969
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17; Conserv
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Ibd-related polymorphisms
Patent: WO 0142511-A 1561 14-JUN-2001,
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
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AX183808
AX183808.1 GI:15135136
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Homo sapiens
 AR030972
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/mol_type="unassigned DN
/db_xref="taxon:9606"
                                                                                                                                        mol_type="unassigned"
                                                                                                                                                    organism="unknown"
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AR030975
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Sequence
AR030974
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Unknown.
                                               Unclassified.

1 (bases 1 to 19)
Benseler, F., Cole, J.L., Olsen, D.B. (Capped synthetic RNA, analogs, and Patent: US 5861501-A 7 19-JAN-1999;
Location/Qualifiers
                                                                                                                                                              Sequence
AR030975
                                                                                                                                                                                                                                                                                                                                                         Unclassified.

1 (bases 1 to 19)

Benseler,F., Cole,J.L., Olsen,D.B. & Capped synthetic RNA, analogs, and & Patent: US 5861501-A 6 19-JAN-1999;
Location/Qualifiers
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Benseler,F., Cole,J.L., Olsen,D.B. & Gapped synthetic RNA, analogs, and & Patent: US 5861501-A 4 19-JAN-1999;
Location/Qualifiers
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Sequence 8
AR030976
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Benseler,F., Cole,J.L., Olsen,D.B.,
Benseler,F., Cole,J.L., Olsen,D.B.,
Capped synthetic RNA, analogs, and
Patent: US 5861501-A 8 19-JAN-1999,
Location/Qualifiers
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Sequence 10
AR030978
AR030978.1
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,l
Capped synthetic RNA, analogs, and aptamers
Patent: US 5861501-A 9 19-JAN-1999;
Location/Qualifiers
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/mol_type="unassigned DNA"
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                             GI:5944192
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 5861501-A 10 19-JAN-1999;
Location/Qualifiers
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 5861501-A 13 19-JAN-1999;
Location/Qualifiers
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 5861501-A 14 19-JAN-1999;
Location/Qualifiers
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Benseler, F., Cole, J.L., Olsen, D.B. and Kuo, L.C. Capped synthetic RNA, analogs, and aptamers Patent: US 5861501-A 15 19-JAN-1999;
        1 (bases 1 to 19)
Hardy, J.A. and Goate, A.M.
Mutant S182 genes
Patent: US 5973133-A 12 26-OCT-1999;
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Benseler, F., Cole, J.L., Olsen, D.B. and Kuo, L.C. Capped synthetic RNA, analogs, and aptamers Patent: US 5861501-A 16 19-JAN-1999;
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Benselet,F., Cole,J.L., Olsen,D.B.
Capped synthetic RNA, analogs, and
Patent: US 6111095-A 4 29-AUG-2000;
Location/Qualifiers
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,I
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 1 29-AUG-2000;
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Benseler,F, Cole,J.L., Olsen,D.B. and Kuo,L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 6 29-AUG-2000;
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Benseler, F., Cole, J.L., Olsen, D.B. and Kuo,
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 7 29-AUG-2000;
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Benseler,F., Cole,J.L., Olsen,D.B.
Capped synthetic RNA, analogs, and
Patent: US 6111095-A 8 29-AUG-2000;
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AR108823
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Benseler, F., Cole, J.L., Olsen, D.B. and Kuo, I
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 9 29-AUG-2000;
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Benseler,F., tole,J.L., Olsen,D.B. and Kuo,L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 10 29-AUG-2000;
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,I
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 15 29-AUG-2000;
Location/Qualifiers
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Benseler, F., Cole, J.L., Olsen, D.B. and Kuo, L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 14 29-AUG-2000;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Sequence 16
AR108829
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PC C12N1:
CC Methoo
Key
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Landers, J. E., Jordan, B., Housman, D.E. and Charest, A.
Landers, J. E., Jordan, B., Housman, D.E. and Charest, A.
Methods and products related to genotyping and DNA analysis
Patent: JP 2002525127-A 3 13-AUG-2002;
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Methods and products related
BD241nsk
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 16 29-AUG-2000;
Location/Qualifiers
                                                                                                                                                                                77
                                                                                                                                                                                                                                                                                                        PP PN SO
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JP 2002525127-A/3.
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R 25-SEP-1998 US 60/101757

I JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
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JP 2002525127-A/3
13-AUG-2002
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Location/Qualifiers
                                                                                                          /organism="Homo sapiens"
/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
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Location/Qualifiers
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I31170
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Sequence 1 :
AR205763
AR205763.1
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(bases 1 to 19)

(Cole, J.L., Kuo, L.C., Olsen, D.B. and Benseler, F. Cole, J.L., Kuo, L.C., Olsen, D.B. and aptamers Capped Synthetic RNA, analogs, and aptamers Patent: US 6369208-A 1 09-APR-2002;

Location/Qualifiers

1...19
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1 (bases 1 to 19)
COLE, J.L., Kuo, L.C. and Olsen, D.B.
DNA polymerase extension assay for influenza virus endonuclease
Patent: US 5660989-A 1 26-AUG-1997;
Location/Qualifiers
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100.0%; Pred. No. 8.5e+02;
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Cole, J.L., Kuo, L.C., Olsen, D.B. and Benseler
Capped synthetic RNA, analogs, and aptamers
Patent: US 6369208-A 4 09-APR-2002;
Location/Qualifiers
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Cole, J.L., Kuo,L.C., Olsen,D.B. and Benseler,F. Capped synthetic RNA, analogs, and aptamers Patent: US 6369208-A 6 09-APR-2002;
Location/Qualifiers
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Pred. No. 8.5e+02;
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Sequence 8 :
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Cole, J.L., Kuo, L.C., Olsen, D.B. and Benseler
Capped synthetic RNA, analogs, and aptamers
Patent: US 6369208-A 8 09-APR-2002;
Location/Qualifiers
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   l Similarity
17; Conserv
                                                                         1 (bases 1 to 19)
Cole, J.L., Kuo, L.C., Olsen, D.B. and Benseler
Capped synthetic RNA, analogs, and aptamers
Patent: US 6369208-A 9 09-APR-2002;
Location/Qualifiers
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Cole, J.L., Kuo,L.C., Olsen,D.B. and Benseler,F. Copped synthetic RNA, analogs, and aptamers Patent: US 6369208-A 7 09-APR-2002;
                                                                                                                                Unclassified.
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                                           /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned
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100.0%; Pred. No.
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o. 8.5e+02;
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DB 1; Le..
5. 8.5e+02;
5.2e 0;
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                                                                                                           Benseler, F
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Best Local Similarity 100.0%; I
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Cole,J.L., Kuo,L.C., Olsen,D.B. and Benseler,F.
Capped synthetic RNA, analogs, and aptamers
Patent: US 6369208-A 13 09-APR-2002;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Capped s
Patent:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 15 from patent US AR205777
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Cole, Kuo, L.C., Olsen, D.B. and
Capped synthetic RNA, analogs, and a
Patent: US 6369208-A 16 09-APR-2002;
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/mol_type="unassion"
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/mol_type="unassigned DNA"
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AR482557
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Korneluk,R.G., LaCasse,E., Baird,S.,
Antisense IAP nucleic acids and uses
Patent: US 6673917-A 98 06-JAN-2004;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unknown
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Landers,J., Jordan,B., Housman,D.E. and Charest,A.
Methods and products related to genotyping and DNA
Patent: US 6703228-A 3 09-MAR-2004;
Location/Qualifiers
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                                                                     Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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           Ibd-related polymorphisms
Patent: WO 0142511-A 1653 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
                                              Daly, M., Hudson, T.J., Lander, E.S., Rioux, J.
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Biotherapeutics Corporation (CA)
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Sequence 2 from Patent WO02068685.
AX670675
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AX411998 19 bp Sequence 98 from Patent WO0226968. AX411998
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Cytogenetic DNA Services Ltd (GB)
Location/Qualifiers
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/db xreft"ttaxon:32630"
/note="Primer"
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/db xref="taxon:32630"
/note="based on Homo sapiens"
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Sequence 4217 from Patent
CQ784077
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Benseler,F., Cole,J.L., Olsen,D.B.
Capped synthetic RNA, analogs, and
Patent: US 6111095,A 2 29-AUG-2000,
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AR108815
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Benseler, F., Cole, J.L., Olsen, D.B. and Kuo,
Capped synthetic RNA, analogs, and aptamers
Patent: US 5861501-A 2 19-JAN-1999;
Ota, T., Nishikawa, T., Isogai, T., Hayashi, K., Ishii, S., Kawai, Y.,
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/mol_type="unassigned DNA"
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Cole, J.L., Kuo, L.C., Olsen, D.B. and Benseler, F. Capped synthetic RNA, analogs, and aptamers Patent: US 6369208-A 2 09-APR-2002;

Patent: US 6369208-A 2 09-APR-2002;
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Sequence 209 from Patent
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AX477118.1 GI:22216371
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                                                                                      Bodnar, J.S., Castellani, L.W., Chatterjee, A., de Jong, P., Lusis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C. Gene and sequence variation associated with cancer Patent: WO 0220848-A 209 14 MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
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/mol_type="unassigned DNA"
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Best Local Similarity 100.0%;
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BD089238.1 GI:22634848
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Bodnar,J.S.,
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                                                                                                                                                                                                                                    THE INSTITUTE OF PHYSICAL
                                                                                                                                                                                                                                                  A method of arraying genome clone patent: JP 2001321190-A 1482 20-NOV-2001;
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                                                                                 Description of Artificial Location/Qualifiers
                                                                                                                                    C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566,
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                                                                                                                                                                                           Artificial Sequence
JP 2001321190-A/1482
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12-MAR-2001 JP 2001068285
                                        /organism='Artificial Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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100.0%; Pred. No. 8.9e+02;
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RESULT 684
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BD128001.1 GI:23222946
JP 2002017375-A/3432.
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OS Unidentified
PN JP 2002017375-A/3432
PN JP 2002017375-A/3432
PN JP 2002017375-A/3432
PN 705HIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZU
PI TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZU
PI ISHII,
PI YURI KAWAI, AI WAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI, PI
SHINICHI KOJIMA,
PI TETSUJI OTSUKI, HISASHI KOGA
PC C12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/
                                               BD138315 20 k
Antisense modulation of human
BD138315
BD138315.1 GI:23233260
JP 2002508944-A/241.
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Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki
                        unidentified
                                     unidentified
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Description of
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ilarity 100.0%;
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llarity 100.0%;
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                                                                                                                                                                                                                                                                                                            /organism='Unidentified'
                                                                                                                                                                                                                                                             /organism="unidentified"
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Best Local Similarity 100.0%;
Matches 17; Conservative
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Patent: JP 2002508944-A 241 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/241
PD 26-MAR-2002
PF 26-MAR-1999 UP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT E
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AR182144
AR182144.1
             AX050293 21 bp
Sequence 47 from Patent WO0070046.
AX050293
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Bartel, P.L. and Tavtigian, S.V.
MMSC1-an MMAC1 interacting protein
Patent: US 6337192-A 61 08-JAN-2002;
Location/Qualifiers
AX050293.1
                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.
                                                                                                                               CTCTGTCACCCAGGCTG
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C12N15/00
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Antisense modulation of human
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
 GI:12226574
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AX161999/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 1929 26-APR-2001; Orchid BioSciences, Inc. (US)
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AX161999
AX161999.1 GI:14543330
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                                     methods of use thereof
Patent: WO 0140521-A 5327 07-JUN-2001;
Curagen Corporation (US)
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                                                                                       Nucleic
                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                              Homo sapiens
                                                                                                                                                                          Homo sapiens (human)
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                                                                                      acids containing single nucleotide polymorphisms
                                                                                                                                                                                                                                       5327 from Patent
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/mol type="unassigned DNA"
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100.0%; Pred. No. 9.2e+02;
n. Mismatches 0;
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Pred. No. 9.2e+02;
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WO0140521.
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Local Similarity 63.4%;
hes 26; Conservative
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                        392 GTGCTGGGATTACAGGCGTG 411
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A83598
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A83584
                                                 18;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             unidentified
                                                                                                                                                         CARBOHÝDRATE-DEFICIENT GLYCOPROTEIN SYNDROME
Patent: WO 9849324-A 27 05-NOV-1998;
MATTHIJS GERT (BE); GENNYME LTD (GB)
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Matthijs,G.
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 GTGTTGGGATTACAGGCATG
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27 from Patent WO9849324.
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Accession number cg43993862"
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                                                                                                                                             Location/Qualifiers
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Pred. No. 1.2e+03;
                                                 Score 16.8; DB 1;
Pred. No. 9.1e+02;
0; Mismatches 2
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Pred. No. 9.1e+02;
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Matches 18; Conserv
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Sequence
AR004680
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(bases | to 20)

Skolnick, M.H., Goldgar, D.B., Miki,Y.,

Harshman, K.D., Shattuck-Eidens, D.M.,

and Futreal, P. Andrew.
                                                           AR011709
Sequence 19 from patent
AR011709
AR011709.1 GI:3969699
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Skolnick,M.H., Goldgar,D.E., Miki,Y.,
Harshman,K.D., Shattuck-Eidens,D.M.,
and Futreal,P.Andrew.

170-linked breast and ovarian cancer i
Patent: US 5753441-A 9 19-MAY-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 9 from patent AR008166
           Unknown.
Unclassified.
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Tavtigian, S.V.,
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V., Wiseman,
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1 (bases 1 to 20)
Blumenfeld, A., Gusella, J.F., Breakefield, X.O. and Slauger
Use of genetic markers to diagnose familial dysautonomia
Patent: US 5998137-A 57-DEC-1999;
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Miraglia,L., Bennett,C.Frank., Dean,N.
Antisense compositions and methods for
interleukin-1 receptor expression
Patent: US 5856099-A 27 05-JAN-1999;
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AR026520
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Patent: US 5763168-A 19 09-JUN-1998;
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/mol_type="unassigned DNA"
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                                                       Score 16.8;
Pred. No. 9.
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Pred. No. 9.1e+02;
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AR112674/c
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Lalouel,J.-M., Jeunemaitre,X., Lifton,R.P.,
Kotelevtsev,Y. and Corvol,P.
Method to determine predisposition to hypert
Patent: US 5998145-A 19 07-DEC-1999;
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AR092309
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Brooks-Wilson, A.R., Bu
Miller, A. and North, M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unknown.
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1 (bases 1 to 20)
Monia, B.P. and Cowsert, L.M.
Antisense modulation of telomeric repeat binding factor 1
                                             Unknown
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/mol_type="unassign
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AR119526/c
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Patent: US 6130088-A 38 10-OCT-2000;
Location/Qualifiers
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AR122443
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Lalouel,J.-M. and Jeunemaitre,X.
Halouel,J.-M. and Jeunemaitre,X.
Method to determine predisposition to hypertension
Patent: US 6153386-A 19 28-NOV-2000;
Location/Qualifiers
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                                                                                                                   1 (bases 1 to 20)
Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P.,
Kotelevtsev, Y. and Corvol, P.
Method to determine predisposition to hyper
Patent: US 6165727-A 19 26-DEC-2000;
Location/Qualifiers
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Unclassified.
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/mol_type="unassigned
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RESULT 703
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Best Local Similarity
Matches 18; Conserv
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Matches 18; Conserv
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                                                                                                                                                                                                                                                                         A method of arraying genome clone
Patent: WO 02072815-A 74 19-SEP-2002;
EIICHI SOEDA, TAKESHI KUKITA
OS Artificial Sequence
PN WO 02072815-A/74
PD 19-SEP-2002
PF 17-MAY-2001 WO 2001JP004139
PR 12-MAR-2001 JP 01P 68285
PI EIICHI SOEDA
PC C12N15/09,C12Q1/68
CC Description of Artificial Sequence
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Skolnick,M.H., Goldgar,D.E., Miki,Y., Swenson,J., Kamb,A.,
Skolnick,M.L., Shattuck-Eidens,D.M., Tavtigian,S.V., Wiseman,R.W.
and Futreal,P.Andrew.
17q-linked breast and ovarian cancer susceptibility gene
17q-linked breast and ovarian cancer susceptibility gene
1 patent: US 6162897-A 9 19-DEC-2000;
Location/Qualifiers
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AR136949
AR136949.1 GI:14478199
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
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BD176274.1 GI:29121980
WO 02072815-A/74.
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                                                                       AGCTGGGACTACAGGCGCCC 751
                                                       AGCTGTGACTACAGGTGCCC 20
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Description of Artificial Sequence:
Location/Qualifiers
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/mol_type="unassigned DNA"
                                                                                                                                                              /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                    /organism='Artificial Sequence'
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                                                                                                                       1.7%;
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Pred. No. 9
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Best Local Similarity 90.0%;
Matches 18; Conservative
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Best Local
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

El 1 (bases 1 to 20)

El 1 (bases 1 to 20)

RS Lalouel, J.M. and Jeunemaitre, X.

Method of quantifying hypertensive constitution

Patent: JP 2002519012-A 19 02-JUL-2002;

UNIVERSITY OF UTAH RESEARCH FOUNDATION

OS Homo sapiens (human)

OS Homo sapiens (human)

PD 02-JUL-2002

PF 15-APR-1999 JP 2000557000

PF 15-APR-1999 JP 2000557000

PF 29-JUN-1998 US 09/106216

PI JEAN MARC LALOUEL, XAVIER JEUNEMAITRE

PC C1201/68,C12N15/09,C12N15/00

CC Method of quantifying hypertensive constitution FH Key
                       480 GTGCAGTGGTGTGATCACAG 499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        641 CACCCAGGCTGGAGTGCAGT 660
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                                                                     18;
 <u>, .</u>
                                                                                                                                                                                                                            Reichwald,K.

Mchrl variant associated with human obesity
Patent: WO 2003104489-A 60 18-DEC-2003;
Philipps-Universitaet Marburg (DE)

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                        synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 60 from Patent WO2003104489. CQ758936
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                                                                                                                                                                                                                                                                                                                                                      artificial sequences.
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15-APR-1999 JP 2000557000
29-JUN-1998 US 09/106216
29-JUN-1998 US 09/106216
JEAN MARC LALOUEL XAVIER JEUNEMAITRE
C12Q1/68,C12N15/09,C12N15/00
Method of quantifying hypertensive constitution
Location/Qualifiers
                                                                     Conservative
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                          /note="Primer B2f"
                                                                                                                                                        organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                    90.0%;
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Pred. No. 9.1e+02;
0; Mismatches 2
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                                                                                  Score 16.8; DB 1;
Pred. No. 9.1e+02;
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RESULT 706
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CQ760694/c
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Matches 18
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Sequence 62 from Patent WO2003104489.
CQ758938.1 GI:44848942
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Disease risk estimating method using sequence polymorphisms
specific region of chromosome 19
Patent: WO 2004003229-A 10 08-JAN-2004;
Aarhus University (DK); Arbejdsmilj Institutet (National
Institute of Occupational Health) (DK)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                              synthetic construct
synthetic construct
artificial sequences.
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Reichwald, K
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synthetic construct
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Sequence 136 from Patent
CQ760694
CQ760694.1 GI:44904197
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synthetic construct
synthetic construct
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/mol_type="unassigned DNA"
/db_xref="taxon:2630"
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/db_xref="taxon:32630"
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Pred. No. 9.1e+02
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Pred. No. 9.1e+02;
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CQ771171
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Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
                           Primers for synthesizing full length cDNA clones
Patent: EP 1396543-A 4410 10-MAR-2004;
Research Association for Biotechnology (JP)
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/mol type="unassigned DNA"
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Patent: EP 1396543-A 4435 10-MAR-2004;
Research Association for Biotechnology (JP)
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Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S.,
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Patent: WO 2004018711-A 17 04-MAR-2004;
University College London (GB)
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: an
synthesized primer se q uence"
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                                        'note="primer for amplification of D3S1611"
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SRL INC
OS Unidentified
PN JP 199308996-A/10
PD 09-NOV-1999
PF 28-APR-1998 JP 1998134578
PR PI NARIO OTA
PC C12N15/09,C12Q1/68,C12N15/00
CC
FT Source /organism='Unidentified'.
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Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P., Soubrier, F.,
Kotelevtsev, Y. and Corvol, P.
Angiotensinogen gene variants and predisposition to hypertension
Patent: US 5589584, A 19 31-DEC-1996;
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180945/c
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160662
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176950
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Busch, H., Bennett, C. Frank., Perlaky, L., Solution of cell growth patent: US 5656743-A 12 12-AUG-1997;
                                                                                                                                                                                          18;
                                                                                                                                                                                                                                                                  Linked breast and ovarian cancer susceptibility gene Patent: US 5693473-A 9 02-DEC-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  160662.1
                                                              Sequence 9 from patent
180945
180945.1 GI:3209235
                                                                                                                                                                                                                                                                                                           1 (bases 1 to 20)
Shattuck Eidens, D.M., Simard, J., Durocher, F.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unclassified.
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                                                                                                                                                                                                                                                                                                                                              Unknown
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Unclassified.

1 (bases 1 to 20)

Shattuck-Eidens, D.M.,
                                                                                                                                                                                                   1.7%;
Similarity 90.0%;
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Pred. No. 9.1e+02;
Simard, J., Durocher, F.,
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Pred. No. 9.1e+02;
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   Emi, M. and
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                                                                                                PAT 10-JUN-1998
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AR181771/c
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TITLE
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I81041
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Linked breast and ovarian cancer susceptibility
Patent: US 5709999-A 9 20-JAN-1998;
Location/Qualifiers
                                                                                                                                                                                                                                       Sequence
AR181771
                                                                                                                                                                                                                                                                                                                                                                                                                                            Skolnick, M.H., Goldgar, D.E., Miki, Y.,
Harshman, K.D., Shattuck-Eidens, D.M., T
and Futreal, P.Andrew.
17q-linked breast and ovarian cancer s
Patent: US 5710001-A 9 20-JAN-1998;
Location/Qualifiers
                                              18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unknown.
                                                                                                                      1 (bases 1 to 20)
Bennett, C. Frank., Ackermann, E.J., Swayze, E.E.
Antisense modulation of survivin expression
Patent: US 6335194 A 233 01-JAN-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unclassified.
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  TAAAGGTGTGAGCCACCACG
                        TACAGGCGTGAGCCACCACG 891
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/mol_type="unassigned
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; Pred. No. 9.1e.
0; Mismatches
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                                              Score 16.8; DB 1;
Pred. No. 9.1e+02;
0; Mismatches 2;
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Pred. No. 9.1e+02;
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US 6335194.
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                                                                                                                                                            Cowsert, L.M.
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DEFINITION
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AR211960
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DEFINITION
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AR224565/c
LOCUS
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AR205391
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KEYWORDS
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Matches 18
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Matches 18; Conserv
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AR211960
AR211960.1
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AR224565
AR224565.
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Sequence
AR205391
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Monia, B.P. and Wyatt, J.

Antisense inhibition of Phosphorylase kinase beta expression
Patent: US 6368856-A 75 09-APR-2002;

Location/Qualifiers
                                                                                                                                                                                                                                                                               1 (bases 1 to 20)
Ward, D.T. and Watt, A.T.
Antisense modulation of RECQL2 expression
Patent: US 6399378-A 16 04-JUN-2002;
Location/Qualifiers
                                                          Unknown.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unclassified
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 Antisense modulation of casein kinase
Patent: US 6440738-A 24 27-AUG-2002;
Location/Qualifiers
                              Wyatt,J.
                                                                      Unknown.
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                                                 Unclassified
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                                      (bases 1 to 20)
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 9.1e
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Pred. No. 9.1e+C
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                    2-beta expression
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AUTHORS
TITLE
           RESULT 724
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AR232229/c
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AR232231/c
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AR232229
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20 bp
83 from patent US 6465250.
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Query Match 1.7%;
Best Local Similarity 90.0%;
Matches 18; Conservative
993 CCCGGGCTCAAGCGATTCTC 1012
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                                                                                                                                                1 (bases 1 to 20)

MCKAY,R., Freier,S.M. and Wyatt,J.

Antisense modulation of casein kinase 2-alpha prime

Patent: US 6455307-A 21 24-SEP-2002;
                                                                                                                                                                                                                                                                          Sequence 21 from patent AR232231
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MCKAY,R., Freier,S.M. and Wyatt,J.

Antisense modulation of casein kinase 2-alpha
Patent: US 6455307-A 19 24-SEP-2002;

Location/Qualifiers
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/mol_type="genomic
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                                                                                        /organism="unknown"
/mol_type="genomic
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/mol_type="genomic
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                                                  1.7%; Score 16.8; DB 1; 90.0%; Pred. No. 9.1e+02;
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Pred. No. 9.1e+02;
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Pred. No. 9.1e+02;
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Location/Qualifiers
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Zhang, H. and Wyatt, J.
Antisense modulation
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Sequence 52 from patent US
AR271808
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AR236871.1
                                          1 (bases 1 to 20)
Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D. Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzke Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
Receptor
                                                                                                                                                            AR305348
Sequence 302 from patent
AR305348
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                                   Patent: US 6545137-A 302 08-APR-2003;
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Location/Qualifiers
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Todd, J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
LDL-receptor
Patent: US 655564-A 302 29-APR-2003;
Location/Qualifiers
                                                                                                                                                               1 (bases 1 to 20)
Bennett,C.F. and Watt,A.T.
Antisense inhibition of vascular endothelial growth factor receptor-1 expression
Patent: US 6710174-A 98 23-MAR-2004;
Location/Qualifiers
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302 from patent US 6555654
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/mol_type="genomic
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AX092654
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Sequence 423 from Patent
AX149221
AX149221.1 GI:14347745
                                                                                                                                                                                                                                                                                                                                                                                           Genotyping reagents, kits and methods of Patent: WO 0129262-A 337 26-APR-2001; Orchid BioSciences, Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent: WO 0115676-A 66 08-MAR-2001;
University of British Columbia (CA)
Location/Qualifiers
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                                                        synthetic construct synthetic construct
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artificial sequences.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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 Wright, J.A., Young, A.H. and Dugourd, D. Antisense oligonucleotide sequences derived
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                                        rtificial sequences
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
/mal_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Primer"
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n. Mismatches 2;
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18; Conserv
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Patent: WO 0136625-A 423 25-MAY-2001;
GeneSense Technologies Inc. (CA)
                                                                                inflammatory bowel disease
Patent: WO 0178894-A 208 25-OCT-2001;
Genome Therapeutics Corp. (US)
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nilarity 90.0%;
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              /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
  'note="Primer"
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Pred. No. 9
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organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                             9.1e+02;
                                                                                                                                                          DB 1;
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linear
 PAT 08-JUN-2001
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Wright, J.A., Young, A.H. and Dugourd, D. Antisense oligonucleotide sequences derived from groel and groes inhibitors of microorganisms
Patent: WO 0136625-A 425 25-MAY-2001; /note="Antisense oligonucleotide" organism="synthetic construct" Score 16.8; DB 1; Length 20; Indels 0; Gaps 0

Keith, T.

Novel human gene relating to respiratory diseases, obesity, PAT 07-JAN-2002

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                                                                                                                                                                                                                                                                                                                                                                                                                      382 GCCTCCCAAAGTGCTGGGAT 401
                                        18;
                                                                                                                                                            Poole, J., Roninson, I.B. and Chang, B.D. Reagents and methods for identifying and modulating genes regulated by cdk inhibitors Patent: WO 02066681-A 51 29-AUG-2002; THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Method for diagnosing cancer susceptibility Patent: WO 02100896-A 31 19-DEC-2002; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE UNIVERSITE CLAUDE BERNARD - LYON 1 (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                  Homo sapiens
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CTCCTGAGTAGCTGGGACTA 742
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llarity 90.0%;
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/mol type="unassigned DNA"
/db xref="taxon.32630"
/noTe="amorce PCR"
                                                                                                   /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                       /note="Sense primer for cathepsin B promoter"
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Pred. No. 9.1e+02;
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Pred. No. 9.1e+02;
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Pred. No. 9.1e+02;
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Sequence 17 from Patent WO03025010.
AX770003
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Bernassola,F., Tobler,A. and Novak,U.
Human delta-N p73 molecules and uses thereof
Patent: WO 03025010-A 17 27-MAR-2003;
Eirx Therapeutics Ltd (IE)
Location/Qualifiers
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BD088822 20 bp
A method of arraying genome clone.
BD088822
BD088822.1 GI:22634432
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For Addiction and Mental Health
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/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                     organism="synthetic construct"
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Pred. No. 9.
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Pred. No. 9.1e+02
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OS Artif
PN JP 20
PD 20-NC
PF 12-MA
PI EIICH
PC C12N1
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Patent: JP 2001321190-A 1066 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
                                                                                                                                                                                                                                                                                                                                                                  synthetic construct
synthetic construct
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1 (bases 1 to 20)
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Patent: JP 2001321190-A 1360 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RE
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1 (bases 1 to 20)
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20-NOV-2001
12-MAR-2001 JP 2001068285
                                                                                                                                   Description of Artificial Sequence:Synthetic Location/Qualifiers
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JP 2001321190-A/1360
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                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                          /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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 1.7%;
90.0%;
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Pred. No. 9.1e+0
0; Mismatches
Score 16.8; DB 1;
Pred. No. 9.1e+02;
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OS Artif
PN JP 20
PD 20-NO
PF 12-MA
PI EIICH
PC C12N1
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                                                                                                A method of arraying genome clone
Patent: JP 2001321190-A 2440 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RE
                                                                                                                                               synthetic construct artificial sequences.
1 (bases 1 to 20)
                                                                                                                                                                                                   BD090196.1 GI:22635806
JP 2001321190-A/2440.
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C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566,
C12N15/00,
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JP 2001321190-A/1374
20-NOV-2001
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                                                 20-NOV-2001
                                                             Artificial Sequence
JP 2001321190-A/2440
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EIICHI SOEDA
                                   12-MAR-2001 JP 2001068285
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Location/Qualifiers
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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Pred. No. 9.1e+02;
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Best Local Similarity
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PC C12N15/09, A

PC A61K48/00, A

A61P11/04,

PC A61P31/06, A

PC A61P31/10, A

PC A61P31/12, A

PC A61P31/12, A

PC A61P31/12, A

PC C17K14/47, C

PC C12R1:19, PC C12R5/10, C

PC C12R5/10, C
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patent: JP 2001552986-A 18 25-DEC-2001;
KYOWA HAKKO KOGYO CO LTD
OS Artificial Sequence
PN JP 2001352986-A/18
PN JP 2001352986-A/18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Kobata, N., Nishi, T., Ota, T., Nakamura, Y.
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JP 2001352986-A/18.
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         GTTCAAGCAATTCTCCTGCC
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                                                                                                                                                                                                               an artificially synthesized primer sequence
Key Location/Qualifiers
                                                                                                                                                                                                                                                                                                          A61P43/00,
C07K14/47,C07K16/18,C12N1/21,C12N5/10,C12P21/02,C12Q1/68,
                                                                                                                                                                                                                                                                                                                               A61P31/00,
A61P31/12,A61P31/18,A61P35/00,A61P35/02,A61P37/04,A61P37/08,
                                                                                                                                                                                                                                                                                                                                                                                                          C12N15/09,A01H5/00,A01K67/027,A01K67/033,A61K38/00,A61K39/395,
A61K39/395,
                                                                                                                                                                                                                                                                                                                                                                                                                                          12-JUN-2000 JP 2000175475
NAGAHIDE KOBATA,TATSUNARI NISHI,TOSHIO OTA,YUSUKE NAKAMURA, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         C12N15/00
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                                                               Conservative
                                                                                                                                                                                                                                                     (C12N5/10, C12R1:91), C12N15/00, A61K37/02, C12N5/00, (C12N5/00, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    polypeptide.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                    /organism='Artificial Sequence'
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                                                                         1.7%;
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                                                              0;
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Pred. No. 9
                                                              Score 16.8; DB 1;
Pred. No. 9.1e+02;
0; Mismatches 2
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BD105590/c
LOCUS
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AUTHORS
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AUTHORS
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VERSION
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BD106259/c
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Best Local (
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                                                                                                                    Novel LDL-receptor.
BD106259
BD106259.1 GI:232010
JP 2002501376-A/274.
                                                                                                                                                                                                                                             20
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Novel LDL-receptor
Patent: JP 2002501376-A 274 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE
                          and Hey, P. Novel LDL-
                                                                              Chlamydia sp.
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
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                                                   1 (bases 1 to 20)
Todd,J.A., Hess,J.W., Caskey,C.T.,
                                                                                                         Chlamydia sp.
                                                                                                                                                                           BD106259
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681 CAACCTCTGCCTCCCGGGTT 700
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OS Homo sapiens (human)
PN JP 2001346593-A/8
PD 18-DEC-2001
PP 18-APR-2001 JP 2001119644
PF 12-AUG-1994 US 08/289221,02-SEP-1994 US 08/300266 PF
16-SEP-1994 US 08/308104,29-NOV-1994 US 08/348824 PR
24-MAR-1995 US 08/308104,07-JUN-1995 US 08/348554 PR
07-JUN-1995 US 08/487002
PI MARK H SKOLNICK,DAVID E GOLDGAR, YOSHIO MIKI, JEFF SWENSON,
ALEXANDER KAMB,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 20)

Skolnick, M.H., Goldgar, D.E., Miki, Y., Swenson, J., Kamb, A.,
Harshman, K.D., Eidens, D.M.S., Tavtigian, S.V., Wiseman, R.W. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Genes sensitive to 17q-chained BD105590
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Genes sensitive to 17q-chained breast cancer and Patent: JP 2001346593-A 8 18-DEC-2001; MYRIAD GENETICS INC.UNIVERSITY OF UTAH RESEARCH F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BD105590.1 GI:22651164
JP 2001346593-A/8.
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ROGER W WISEMAN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Futreal, A.P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens (human)
                                                                                                                                                                                Similarity
                                                                                         CAACCICIGCCITCCAGGIT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  KEITH D HARSHMAN, DONNA M
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C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12Q1/68, C12N15/
                                                                                                                                                                                                                                                                                                                                                  source
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Strandedness: Single;
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                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                      Topology: Linear;
                                                                                                                                                                                                                                                                                                          /organism='Homo
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                      cancer
                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                              1.7%;
                                                                                                                                                               <u>,</u>
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Pred. No. 9
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   18-SEP-2002
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GI:23201077

Cox, R.D.,

Gerhold, D.,

Hammond

WELLCOME TRUST, MERCK &

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RESULT 745
BD128194
LOCUS
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ORGANISM
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 Query Match
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PN UP 2002501376-A/274

PD 15-JAN-2002

PF 15-APR-1998 JP 1998543635

PF 15-APR-1998 US 60/043553,05-JUN-1997 US

PR 15-APR-1997 US 60/043553,05-JUN-1997 US

JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES

THOMAS CASKEY, ROGER

PI DAVID COX,

PI DAVID COX,

PI DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY

PC C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C0

PC A61K39/395,

PC A61K39/395,

PC A61K39/395,

PC A61K39/395,

PC A61K39/395,

PC TOPOLOGY: Linear;

CC Topology: Linear;

FH Key Linear;
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                                                                                                           synthesized primer CC sequence FH Key FT source
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                                                                                                                                                                                                                                                                                                      Primer for synthesizing full-length cDNA and use thereof Patent: JP 2002017375-A 3625 22-JAN-2002;
HELIX RESEARCH INSTITUTE
OS Unidentified
ON JP 2002017375-A/3625
PD 22-JAN-2002
PP 07-UUL-2000 JP 2000253172
PF 07-UUL-2000 JP 2000253172
PI TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASH
PI YURI KAWAI, AI WAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18;
                                                                                                                                                                                          PC C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 Description of Artificial Sequence: an artificially CC
                                                                                                                                                                                                                                           C12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/ PC
                                                                                                                                                                                                                                                                                          PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI SHINICHI KOJIMA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y., Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     JP 2002017375-A/3625
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BD128194 20 bp , DNA linear FAL J
Primer for synthesizing full-length cDNA and use thereof.
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DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17, A61K39/395,
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                                                                                                                                                                                                                                                                           TETSUJI OTSUKI, HISASHI KOGA
                                                                                                                                                                                                                                                                                                                                        07-JUL-2000 JP 2000253172
TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO
                                                                                          /organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Chlamydia sp.
/mol_type="genomic DNA"
/db_xref="taxon:35827"
                          /organism="unidentified'
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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 Score 16.8;
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BD128219
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                                                                                                                                                                                                                                                                                           542 CTCAGCCTCCCAAGTAGCTG 561
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         synthesized primer CC sequence FH Key FT source FT
             unclassified.
1 (bases 1 to 20)
Wilson, A.R.B., Buckler, A.,
Miller, A. and North, M.
                                                                                                             BD129936.1 GI:23224881 JP 2002500895-A/226.
                                                                                                                                           BD129936
Asthma-associated gene
BD129936
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Primer for synthesizing full-length cDNA and use thereof Patent: JP 2002017375-A 3650 22-JAN-2002; HELIX RESEARCH INSTITUTE
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JP 2002017375-A/3650.
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SHINICHI KOJIMA,
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Asthma-associated gene
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07-JUL-2000 JP 2000253172
TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO
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JP 2002017375-A/3650
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Pred. No. 9.1e+02;
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                                 Galvin, M.,
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BD138325/c
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AXYS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002500895-A/226

PN JP 2002500895-A/226

PD 15-JAN-2002

PF 21-JAN-1998 JP 200528715

PI ANGELA R BROOKS WILSON, ALAN BUCKLER, LON

CARDON, ALISOUN H CAREY,

PI MARGARET GALVIN, ANDREW MILLER, MICHAEL NORTH

PI MARGARET GALVIN, ANDREW MILLER, MICHAEL NORTH

PC C12Q1/68, A01K67/027, C07K14/47, C12N15/09, C12N15/00 CC

Strandedness: Single;

CC Topology: Linear;
CC Topology: Linear;
CC Asthma-associated gene
FH Key

FT source

1.20

/organism='Unidentified'.
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l Similarity
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C12N15/00
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                                                                                                                           ocation/Qualifiers
                                                                                                                                                                                                                                 26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
 Conservative
                                                                                                                                     Topology: Linear;
Antisense modulation of human
                                                                                                                                                            Strandedness: Single;
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/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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Pred. No. 9.1e+02;
Score 16.8; DB 1;
Pred. No. 9.1e+02;
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BD138332/c
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BD138336/c
LOCUS
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1 (bases 1 to 20)

1 (bases 1 to, Nero, P., Graham, M.J., Monia, B.P.

TITLE
Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 262 26-MAR-2002;

ENT
OS Unidentified
PN JP 2002508944-A/262
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1990
PR 26-MAR-1990
PR 26-MAR-1990
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Antisense modulation of human MDM2
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BD138336.1 GI:23233281
JP 2002508944-A/262.
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 258 26-MAR-2002;
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Antisense modulation of
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26-MAR-1998 US 09/048810
      26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
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Antisense modulation of human
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26-MAR-2002
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Pred. No. 9.1e+02;
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BD138339/c
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Miraglia,L.J., Nenca,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 265 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/265
PD 26-MAR-2002
PP 26-MAR-1999 UP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BR
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Antisense modulation of h
BD138339
BD138339.1 GI:23233284
JP 2002508944-A/265.
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Antisense modulation of
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Antisense modulation of human
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                                               Conservative
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                                                                                                                                                                                                                                    C12N15/00
                                                                                                                                                                                                                                                                        COWSERT
                                                                                                                                                                                                                                                                                               LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
                                                                                                                                           /organism='Unidentified'
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                            /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                              Score 16.8; I
Pred. No. 9.1e
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Pred. No. 9.1e+02;
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AR294904
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Submitted (04-AUG-2001) Akira Horii, Tohoku University School Submitted (04-AUG-2001) Akira Horii, Tohoku University School Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Senda Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8047)
Location/Qualifiers
                                         Similarity
18; Conserv
                                                                                                                                        1 (bases 1 to 21)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 6639 25-MAR-2003;
Location/Qualifiers
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11374902
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Synthetic construct DNA, at 1p36.
AB068567
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GTGGTAGAAACAGGGTTTCA 332
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                                                                                                                                                                                                                                                                                                                     6639
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note="reverse primer for human sts-R69N18F obtained from clones Human BAC library RPCI-11"
                                                                                                /organism="unknown"
/mol_type="genomic |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                        1.7%;
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Pred. No. 9.1e-
0; Mismatches
                                                        Score 16.8; DB 1;
Pred. No. 9.4e+02;
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s B5006, B69N18,
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STS sts-R69N18F
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AX146024/c
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AX539302
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Genotyping reagents, kits and methods of use
Patent: WO 0129262-A 2582 26-APR-2001;
Orchid BloSciences, Inc. (US)
Location/Qualifiers
                                                                                                    21
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synthetic construct
artificial sequences.
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18; Conserv
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Sequence 215 from Patent
AX146024
AX146024.1 GI:14284542
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                                                                                                                                                                                                                                                                                       Genetic compositions and methods Patent: WO 0134840-A 215 17-MAY-2001; GLAXO GROUP LIMITED (GB); Affymetrix,
                                                                                                                                                                                                                                                                                                                                                  Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
  AX539302 21 bp
Sequence 89 from Patent WO02059142.
AX539302
AX539302.1 GI:25272572
                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="synthetic construct"
|mol type="unassigned DNA"
|db xref="taxon:32630"
|noTe="Primer"
                                                                                                                                                                                                 /note="'n' represents a polymorphic base"
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_xref="taxon:9606"
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AX539303/c
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synthetic construct
artificial sequences.
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                                                                                                                                       21 bp
Sequence 2 from Patent WO0227035.
AX591613
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artificial sequences.
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High-throughput gene cloning and phenotypic Patent: WO 0227035-A 2 04-APR-2002;
                                                                                   synthetic construct synthetic construct
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Similarity 90.0%;
                                         Zarling,D.A.,
                                                                     rtificial sequences.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                              GI:27950009
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                                           Caspi, R.,
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
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WO02059142
                                            Stephens, K.M., Sergeant, R.G.,
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Sequence 1 from Patent WO03072818.
AX825103
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 75
AX800313
                                                                                                                       Bookenkamp,D., Dieck,T.H. and Hoppe,H.U. Method for sorting single-stranded nucleic acids Patent: WO 03072818-A 1 04-SEP-2003; Degussa Bioactives GmbH (DE)
                                                                                                                                                                                                          synthetic construct
synthetic construct
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                        Sequenz:Capture-Oligonukleotid"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
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/note="primer"
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/db_xref="taxon:32630"
/bound_moiety="Biotin"
                                      note="Beschreibung der kuenstlichen
                                                                                                         Location/Qualifiers
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Sequence 3 from Patent W003072818.
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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/mod_base=OTHER
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Sequence 4 from Patent W003072818.
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Boekenkamp,D., Dieck,T.H. and Hoppe,H.U. Method for sorting single-stranded nucleic acids Patent: WO 03072818-A 50 04-SEP-2003;
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Sequence 51 from Patent WO03072818.
AX825153
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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Sequenz:Capture-Oligonukleotid"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mod_base=OTHER
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      /note="LNA-T (Locked Nucleic Acid)"
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Sequence 52 from Patent W003072818.
AX825154
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Sequenz:Capture-Oligonukleotid"
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/mod_base=OTHER
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/mod_base=OTHER
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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90.0%; Pred. No. 9.4e+02;
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              Query Match
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A novel nucleic acid molecule
Patent: WO 9851790-A 2 19-NOV-1998;
CANCILLA MICHAEL ROBERT (AU); CHOO
DESIREE DU (AU); AMRAD OPERATIONS P
Location/Qualifiers
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/mod_base=OTHER
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db_xref="taxon:32630"
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  Score 16.6; DB 1;
Pred. No. 8.9e+02;
2; Mismatches 1;
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Pred. No. 9.4e+02;
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CQ788011
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/mol_type="unassigne"
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/mol type="unassigned DNA"
/db xref="raxon.32630"
/noTe="Primer B4f"
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Pred. No. 8.7e+02;
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Patent: WO 2004020664-A 317 11-MAR-2004;
Universitaet Hohenheim (DE)
Location/Qualifiers
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Sequence 1714 from Patent WO0129262
AX116591
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Location/Qualifiers
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                            Picoult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods Patent: WO 0129262-A 2061 26-APR-2001; Orchid BioSciences, Inc. (US)
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/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Sequence 9 from Patent WO03027328.
AX741035
 l Similarity
17; Conserv
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17; Conserv
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 3529 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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                                             /organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
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                                                                                                                                                                                                                                                                                 1 (bases 1 to 19)
Kwok, P. -Y. and Chen, X.
Method for nucleic acid analysis using
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AR125310
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AX741047
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nilarity 94.4%;
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Oligomer Sequence~Synthetic Probe Sequence"
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                                                                                                                                                                                        /organism="unknown"
/mol_type="unassigned
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Chimera animal.
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WO 0187059-A/2.
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Mukaidani,C., Yoshizato,K. a
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AX226122.1
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UNIVERSITE CATHOLIQUE DE LOUVAIN (BE)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Mukaidani, C., Yoshizato, K. and Furukawa, T.
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/mol_type="genomic DNA"
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17; Conserv
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                                                                                                                           1 (bases 1 to 20)
Scheffler,I.E.
Mammalian artificial chromosomes and
Patent: US 6133503-A 8 17-CCT-2000;
Location/Qualifiers
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Sequence 8 from patent US
AR116725
AR116725.1 GI:14097047
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Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
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                              Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /note="forward primer for human STS sts-A009X34 at 1p36
sts-A009X34 obtained from clones B61B17, B86A23, B268I12,
B316H11, B26P17, Human BAC library RPCI-11"
                                                                                    /organism="unknown"
/mol_type="unassign
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                        1.7%;
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                                                                                    _type="unassigned DNA"
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Pred. No. 9.1e+02;
                                          Score 16.4; DB 1;
Pred. No. 9.5e+02;
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STS sts-A009X34
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              316 GTAGAAACAGGGTTTCAC 333
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Scheffler,I.E.
Mammalian artificial chromosomes and methods
Patent: US 5721118-A 8 24-FEB-1998;
Location/Qualifiers
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1 (bases 1 to 20)
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C12N15/09,C12Q1/68
Description of Artificial Sequence: Synthetic DNA
                                                larity 94.4%;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                              /organism="unknown"
/mol_type="unassigned DNA"
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BD090327.1 GI:22635937
BP 2001321190-A/2571.
Synthetic construct
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Ibd-related polymorphisms
Patent: WO 0142511-A 1469 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Biotherapeutics Corporation (CA)
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Sequence 1469 from Patent
AX183716 .
AX183716.1 GI:15135040
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:32630"
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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OS Artific
PN JP 2001
PD 20-NOV-
PF 12-MAR-
PI EIICHI
PC C12N15/00,
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patent: JP 2001321190-A 2571 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RE
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                                                                                                                                                       Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                             Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H. Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., and Soeda,E.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism='Artificial
                                           /note="forward primer for human STS sts-R-361F7F at 1p36 sts-R-361F7F obtained from clones B250F6, B29601, B361F7, B90E22, Human BAC library RPCI-11"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 94.4%;
  1.7%;
94.4%;
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Pred. No. 9.5e+02;
     Score 16.4; DB 1;
Pred. No. 9.5e+02;
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forward
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SYN 21-MAY-2003 STS sts-R-361F7F

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RESULT 789
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CQ806720
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                                                  Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local
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                                                                                                                                                                                                                                                                                             Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                  CQ806720
Sequence 170 from Patent
CQ806720
CQ806720.1 GI:47112102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     proliferative disorders
Patent: WO 2004035803-A 169 29-APR-2004;
Epigenomics AG (DE)
                                                                                                                                                                           proliferative disorders
Patent: WO 2004035803-A 170 29-APR-2004;
                                                                                                                                                                                                                              Foekens, J., Harbeck, N., Koenig, T., Nimmrich, I., Rujan, T., Schmitt, A.,
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                                                                                                                                                                Epigenomics AG (DE)
                                                                                                                                                                                                     Method and nucleic acids for the improved
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                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Method and nucleic acids for the improved
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Marx,A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Foekens,J., Harbeck,N., Koenig,T., Maier,S., Martens,J., Model,F., Nimmrich,I., Rujan,T., Schmitt,A., Schmitt,M., Look,M.P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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               CACCCAGGCTGGAGTG
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 CACCCAGGCTGGAGTG
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                                                 1.6%;
larity 100.0%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 169 from Patent
                                                                                                  /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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100.0%; Pred. No. 8.3e+02;
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WO2004035803.
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                                             DB 1; ____
J. 8.3e+02;
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AR171182/c
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AR436011
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Sequence 91
AR171182
AR171182.1
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Sequence
AR436011
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          Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates; 1 (bases 1 to 17)
                                                                                                              BD202936 17 bp RNA linear PAT Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.
                                               Homo sapiens (human)
                                                                       BD202936.1 GI:33012706 JP 2002509721-A/5962.
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Pavco, P.A., Roberts, E., Jarvis, T.,
                                                                                                    BD202936
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Query Match 1.6%; Score 16; DB 1; L
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
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                              939 GTTACCCAGGCTGGAG 954
16 GTTACCCAGGCTGGAG
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Taylor, K.D., Scheuner, M.T., Rotter, J.I. and 'Genetic test to determine non-responsiveness
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1 (bases 1 to 16)

Eckstein,F., Ludwig,J. and Beigelman,L.

Nucleic acid catalysts with endonuclease

Patent: US 6656731-A 270 02-DEC-2003;
                                                                                                                                                                           Patent: US 6297014-A 91 02-OCT-2001;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="unknown"
/mol_type="unassigned RNA"
                                                                                                                         /organism="unknown"
/mol_type="unassigned DNA"
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Catarrhini; Hominidae;

Coeshott, C.

and Mcswiggen, J.A.

Craniata; Vertebrata; Euteleostomi;

PAT 17-JUL-2003

concerning

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KEYWORDS
SOURCE
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                                                                                                                                                                                                                                                              Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and resgent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 5966 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS HOMO sapiens (human)
PN JP 2002509721-A/5966
PN JP 2002509721-A/5966
PP 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PF 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC 12015/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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C12N5/00
Metho
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PC A61P35
C12N5/00
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Key Location/Qualifiers
source 1. .17
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                                                                                                                     Method and reagent for treating diseases or concerning molecule
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                                                                                         participating in vasculogenic response
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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100.0%; Pred. No. 8.
1ve 0; Mismatches
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                                                      Location/Qualifiers
/organism='Homo sapiens
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8.7e+02;
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1 (bases 1 to 17)

Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002599721-A 5968 02-APR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              17 bp RNA linear PAT method and reagent for treating diseases or conditions molecule participating in vasculogenic response.
BD202942
17 bp RNA linear PAI Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.
BD202943
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JP 2002509721-A/5968.
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JP 2002509721-A/5968
02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1999 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                           participating in vasculogenic response Key Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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100.0%; Pred. No. 8.7e+02;
. Mismatches 0;
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BD202943.1

GI:33012713

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AUTHORS
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BD202948
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Best Local :
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                                                                                                                                                             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

Pavco, P. A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J. A.

Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response

Patent: JP 2002509721-A 5974 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/5974
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1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5969 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
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PC A61P35
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C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
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Homo sapiens
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
                                                                                       24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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                                                                         JAMES A MCSWIGGEN
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Location/Qualifiers
1. .17
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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100.0%; Pred. No. 8.7e+02;
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OS Homo sapiens (human)
PN JP 2002509721-A/6183
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/0796
PI PAMELA A PAVCO, ELISABETH 1
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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1 (bases 1 to 17)

Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response molecule participating in vasculogenic response Patent; JP 2002509721-A 6183 02-APR-2002;
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27-WAR-1998 US 60/079678
PAMELA A PAVCO ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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|mol_type="genomic RNA"
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AX068540/c
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CQ798656
CQ798656.1 GI:46427018
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AX068540
AX068540.1 GI:12578665
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Cedars-Sinai Medical Center (US)
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Homo sapiens (human)
Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                         Sequence 262 from Patent AX671817 AX671817.1 GI:29330165
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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91 from Patent WO0102606.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Sequence 3149 from Patent
AX674704
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Similarity 100.0%; Pred. No. 8.7e+02;
16; Conservative 0; Mismatches
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 100.0%; Pred. No. 8.7e+02;
16; Conservative 0; Mismatches 0;
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Location/Qualifiers
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                            Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins :
                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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 Patent: EP 1281758-A 5267 05-FEB-2003;
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Sequence 5299 from Patent
AX692567
                                                                                                                                                      Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
                                                                                                                                                                                                                             Homo sapiens (human)
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                                                                                                                             Patent: EP 1281758-A 5299 05-FEB-2003;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                      /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5424 from Patent
AX692692
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Sequence 5301 from Patent
AX692569
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                      Aeomica,
                                                                                                                                                                                                     Patent: EP 1281758-A 5424 05-FEB-2003;
                                                                                                                                                                                                                                                                                                                    Homo sapiens (human)
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TTTTGTATTTTAGTA 17
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                                                                                                              /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX722591/c
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AX729070
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AX722591
AX722591.1 GI:30423092
                                                                                                                                                                                                                                                                                                                                                                        Patent: WO 03025176-A 278 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as modicine.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                Homo sapiens (human)
                                                              AX729070.1 GI:30508413
                                                                           Sequence 704 from Patent
AX729070
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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100.0%; Pred. No. 8.7e+02;
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0; Mismatches 0;
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Sequence 3745 from Patent WO03025175.
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Telerman,A., Amson,R. and Juijnder,M.
Sequences involved in phenomena of tumour suppression,
Sequences involved in phenomena of tumour suppression,
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Molecular Engines Laboratories (FR)
                                                                                   Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                        Sequence 4583 from Patent AX761262
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Location/Qualifiers
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                 Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
                                                                                                                                                                         AX761262.1 GI:32255878
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      WO 03040369-A 4583 15-MAY-2003;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX598742
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AR233457
                                                                            l (bases 1 to 19)
Detera-Wadleigh, S.D., Yoshikawa, T., Sanders, A.R. and Esterling, L.E.
Polynucleotides encoding IMP.18p myo-inositol monophosphatase and
methods of detecting said polynucleotides
Patent: US 6458532-A 86 01-OCT-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Berlin, K., Braun, A., Distler, J., Guetig, D., Howe, A., Mueller, J., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Leu, E., Lewin, A., Lipscher, E., Maier, S., Model, F., Mueller, V., Otto, T., Pelet, C. and Ziebarth, H.

Methods and nucleic acids for the analysis of hematopoietic cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                proliferative disorders
Patent: WO 02077272-A 82 03-OCT-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN/db_xref="taxon:9606"
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                                                       organism="unknown"
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                                      _type="genomic
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AX923729/c
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Sequence 164 from Patent WOO3080638.
AX923729
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Patent: WO 2004020664-A 309 11-MAR-2004;
Universitaet Hohenheim (DE)
                                                                                                                                                                                                                                                                                          Sequence 309 from Patent CQ788003 CQ788003.1 GI:45722961
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Antisense iap nucleobase oligomers and
Patent: WO 03080638-A 164 02-OCT-2003;
Aegera Therapeutics Inc. (CA)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                         organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                             note="R ckw rts-Primer f r M11"
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Pred. No. 9.6e+02;
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AX195347/c
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AR181772
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Bennett, C. Frank., Ackermann, E.J., Swayze, E.E.
Antisense modulation of survivin expression
Patent: US 6335194-A 234 01-JAN-2002;
                                                                                                                                                                                                     l Similarity
16; Conserv
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Sequence 51 from Patent WO0151631.
AX195347
AX195347.1 GI:15385896
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Unclassified.
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Sequence 95 from Patent
AX399147
AX399147.1 GI:21261484
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown.
                                                                                                                                                                                                                                                                                                                       Patent: WO 0151631-A 51 19-JUL-2001;
Reske-Kunz, Angelika (DE) ; Ross, Xiaolan
                                                                                                                                                                                                                                                                                                                                                                                                  synthetic construct
synthetic construct
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 Majumder,K.,
Zerhusen,B.,
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Spytek, K.A., Tchernev, V.T., Colman, S.D., Pad Gusev, V., Burgess, C., Li, L., Malyankar, U.M.,
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            Padigaru, M.,
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AX157137/c
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AX516095/c
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AX157137
AX157137.1
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473 GGATGAAGTGCAGTGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AX516095
Sequence 2293 from Patent
AX516095
                                                                                     Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms
methods of use thereof
Patent: WO 0140521-A 465 07-JUN-2001;
Curagen Corporation (US)
                                                                                                                                                                                           Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Nakamura, Y., Sekine, A., Iida, A. and Saito, S. Detection of genetic polymorphisms Patent: WO 02052044-A 2293 04-UUL-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                                                                                                                                                                                         465 from
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Ag1207 PCR Primer Sequence"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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AR048767
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Matches 17; Conserv
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Sequence 4 from Patent WO9747636.
A68209
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Leclerc, G. and Martel, R.
Radiolabeled DNA oligonucleotide and
Patent: US 5821354-A 1 13-OCT-1998;
Location/Qualifiers
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COllingwood, S. D., Moser, H.E., Altmann, K. and INTERNEDIATES FOR OLIGONUCLEOTIDE SYNTHESIS PAtent: WO 9747636-A 4 18-DEC-1997;
CIBA GEIGY AG (CH)
                                                                                                                                                                                                                                                                            Sequence 1 from patent US AR048767 AR048767.1 GI:5971110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        unidentified unidentified
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Similarity 68.8%;
22; Conservative
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Accession number cg44927553"
                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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                                                                                                                                    /organism="unknown"
/mol_type="unassigned DNA"
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                                                                                                   1.6%;
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Pred. No. 9.8e+02;
0; Mismatches 2;
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                                                                                                  Score 15.8;
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Pred. No. 1.3e+03
0; Mismatches 1
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5821354.
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AR111946
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17; Conservat
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Sequence
AR067275
                                          1 (bases 1 to 19)
Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 20 03-OCT-2000;
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Leeds, J.M. and Cummins, L.L.
Fluorescence based nuclease assay
Patent: US 6127124-A 1 03-OCT-2000;
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Sequence 1 from
AR111371
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Evans, G.A. and Smith, M.W.
Method for generation of sequence sampled
Patent: US 5851760-A 623 22-DEC-1998;
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                                Location/Qualifiers
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/mol_type="unassigned DNA"
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          organism="unknown"
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_type="unassigned DNA"
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AR111948
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AR111948
                               AR111949
Sequence
AR111949
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1 (bases 1 to 19)
Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 22 03-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2'-O-aminooxy-modified oligonucleotides Patent: US 6127533-A 21 03-OCT-2000;
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17; Conserv
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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                      GI:12828797
                                          from patent US
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Pred. No. 9.8e+02;
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1 (bases 1 to 19)
1 (bases 1 to 19)
2 (Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2 '-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 23 03-CCT-2000;
Location/Qualifiers
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AR111951
AR111951.1
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2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 24 03-OCT-2000;
Location/Qualifiers
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Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 612753-A 25 03-OCT-2000;
Location/Qualifiers
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nilarity 89.5%;
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/mol_type="unassigned DNA"
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Pred. No. 9.8e.
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminoxyy-modified oligonucleotides
Patent: US 6127533-A 27 03-OCT-2000;
Location/Qualifiers
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AR111953
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AR111952
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17; Conser
1 (bases 1 to 19)
Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminoxy-modified oligonucleotides
Patent: US 6127533-A 31 03-OCT-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 19)
Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 26 03-OCT-2000;
Location/Qualifiers
                                                                                          Sequence 31
AR111957
                                                    Unknown
                                                              Unknown.
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Pred. No. 9.8e+02;
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Pred. No. 9.8e+02;
0; Mismatches 2;
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          RESULT 837
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AR111960
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 34 03-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 19)
Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 33 03-OCT-2000;
Location/Qualifiers
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AR111959
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AR124843
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AR124844
AR124844.1
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Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru
2'-O-aminoxy-modified oligonucleotides

Patent: US 6127533-A 44 03-OCT-2000;

Location/Qualifiers
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AR111970
AR111970.1 GI:12828818
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17; Conserv
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Manoharan, M., Cook, P. Dan., Prakash, T.P.
Aminooxy-modified oligonucleotides and Patent: US 6172209-A 20 09-JAN-2001;
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                                                                     1 (bases 1 to 19)
Manohara, M., Cook, P. Dan., Prakash, T.P.
Aminooxy-modified oligonucleotides and
Patent: US 6172209-A 21 09-JAN-2001;
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/mol_type="unassigned DNA"
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                        /organism="unknown"
/mol_type="unassign
                                                          Location/Qualifiers
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Pred. No. 9.8e+02;
   Score 15.8;
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Manoharan, M., Cook, P.Dan., Prakash, T.P.
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Patent: US 6172209-A 22 09-JAN-2001;
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Manoharan,M., Cook,P.Dan., Prakash,T.P.
Aminooxy-modified oligonucleotides and I
Patent: US 6172209-A 23 09-JAN-2001;
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Manoharan,M., Cook,P.Dan., Prakash,T.P.
Aminooxy-modified oligonucleotides and n
Patent: US 6172209-A 26 09-JAN-2001;
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Manoharan,M., Cook, P. Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonuclectides and methods for making
Patent: US 6172209-A 25 09-JAN-2001;
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Manoharan, M., Cook, P. Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonuclectides and methods for making
Patent: US 6172209-A 24 09-JAN-2001;
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/mol_type="unassigned DNA"
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Manoharan,M., Cook,P.Dan., Prakash,T.P.
Aminooxy-modified oligonucleotides and m
Patent: US 6172209-A 33 09-JAN-2001;
Location/Qualifiers
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Manoharan, M., Cook, P. Dan., Prakash, T. P.
Aminooxy-modified oligonucleotides and Patent: US 6172209-A 31 09-JAN-2001;
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Manoharan, M., Cook, P. Dan., Prakash, T.P.
Aminooxy-modified oligonucleotides and
Patent: US 6172209-A 27 09-JAN-2001;
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/mol_type="unassigned DNA"
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AR124867
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Manoharan,M., Cook,P.Dan., Prakash,T.P.
Aminooxy-modified oligonuclectides and patent: US 6172209-A 34 09-JAN-2001;
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AR124857
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Manohartan,M., Cook,P.Dan., Prakash,T.P.
Aminooxy-modified oligonucleotides and m
Patent: US 6172209-A 44 09-JAN-2001;
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Sequence 20 from patent US 6194598.
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonuclectide synthetic inte
Patent: US 6194598-A 20 27-FEB-2001;
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Cook, P.Dan., Manoharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic inte
Patent: US 6194598-A 21 27-FEB-2001;
Location/Qualifiers
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Cook, P.Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic inte
Patent: US 6194598-A 22 27-FEB-2001;
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned
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         Unknown.
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/mol_type="unassigned
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Cook, P.Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic inte-
Patent: US 6194598-A 27 27-FEB-2001;
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Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonuclectide synthetic inte
Patent: US 6194598-A 26 27-FEB-2001;
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Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 25 27-FEB-2001;
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                                                                                         /organism="unknown"
/mol_type="unassigned
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/mol_type="unassigned DNA"
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AR135302
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Cook, P.Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 34 27-FEB-2001;
Location/Qualifiers
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/mol_type="unassigned DNA"
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AR135581/c
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Sequence 44
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Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 44 27-FEB-2001;
Location/Qualifiers
                                                                                                                                                                              Patent: US 6136530-A 11 24-OCT-2000;
Location/Qualifiers
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Poduslo, S.E.
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Pred. No. 9.8e+02;
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Heller, M.J., Tu, E., Evans, G.A. and Sosnowski, R.G.
Methods for transport in molecular biological analysis and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4 from patent US AR141898
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                                                                                                              Unknown
                                                                                                                                                 AR153863.1
                                                                                                                                                           Sequence 16 from AR153863
                                                                                                                                                                                                                                                                                                                                                                                Patent:
                                                                                                                                                                                                                                                                                                                                                                                          Prakash, T.P.
2'-O-acetami
                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 19)
Manoharan,M., Kawasaki,A.M., Cook,P.Dan.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AR141898.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AR141898
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent: US 6136530-A 12 24-OCT-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Compositions and methods for assessing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unknown
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AR135582.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unknown
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                                                                                                    Unclassified.
                                                                                                                           Unknown.
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                                                                                                                                                                                                                                                                                                                                                                               -O-acetamido modified monomers and oligomers tent: US 6147200-A 4 14-NOV-2000;
                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                 US 6238624-A 16 29-MAY-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                        Location/Qualifiers
         organism="unknown"/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="unknown"
/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                /mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                             organism="unknown"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GI:15101414
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89.5%;
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Pred. No. 9.
                                                                                                                                                                                                                                                                                                Score 15.8;
Pred. No. 9.
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6147200.
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6238624.
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9.8e+02;
ches 2;
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9.8e+02;
nes 2;
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                                                                                                                                                                                                                                                                                                         Length 19;
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BD196900
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SOURCE
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ACCESSION
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AR164173
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VERSION
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Best Local S
Matches 17
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Best Local S
Matches 17
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                          source
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                                                                            C12N1/19,
PC C12N1/21,C12N5/10,C1
,C12N15/00,C12N5/00,
PC C12N5/00,C12N15/00
CC potential microseque
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Sequence
AR164173
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17; Conserv
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                                                                                                                                                                                                                                                Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; V
Mammalia; Eutheria; Primates; Catarrhini;
1 (bases 1 to 19)
1 (chen, D., Blumenfeld, M., Chumakov, I. and
Prostatic cancer gene
Patent: JP 2002516657-A 489 11-JUN-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 19)
Mancharan,M., Mohan,V. and Boswell,H.
RNA targeted 2'-modified oligonucleotides
preorganized
Patent: US 6271358-A 6 07-AUG-2001;
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Nd
SO
SO
SO
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                                                                                                                                                                                                                                                                                                                                                                                             Prostatic cancer gene.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unknown
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                                                                                                                                         PF 22-DEC-1998 JP 2000525562
PR 22-DEC-1997 US 08/996306,09-SEP-1998 US 60/099658 PI
DANIEL COHEN,MARTA BLUMENFELD,ILYA CHUMAKOV,LYDIE BOUGUELERET PC
CLINI5/09,C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15, PC
                                                                                                                                                                                                                                      GENSET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unclassified
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                                                                                                                                                                                              Homo sapiens (human)
JP 2002516657-A/489
11-JUN-2002
                                                               potential microsequencing oligo 
Location/Qualifiers
                                                                                                                    C12N1/21, C12N5/10, C12N5/10, C12P21/08, C12Q1/68, G01N33/50
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/organism="Homo sapiens"
/mol_type="genomic DNA"
                                       Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 9.
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Pred. No. 9.8e+02;
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6271358.
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                                                                                                                                                                                                                                                                                                   Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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BD274438
LOCUS
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ORGANISM
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VERSION
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VERSION
KEYWORDS
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BD274439
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ORGANISM
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                                                                                                                                                                                                                                                                                                             DEFINITION
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Best Local S
Matches 17
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Matches 1
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17; Conserv
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1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         synthetic construct synthetic construct
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                                                                                                                                                                                                                                                      19 b
Oligonucleotides having A-DNA
geometry.
BD274439
synthetic construct
synthetic construct
artificial sequences.
1 '(bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form
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                                                                                                                                                                                        BD274439.1 GI:33084207
JP 2002543215-A/16.
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nilarity 89.5%;
Conservative
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Oligonucleotide
3' - O-MOE linka
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PHARMACEUTICALS INC
Artificial Sequence
JP 2002543215-A/15
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misc feature (17)...(
misc feature (18)...(
Location/Qualifiers
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03-MAY-1999 US 09/303586
MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
C07H21/02,A61K48/00,A61P35/00,A61P35/02,A61P43/00,C12N15/09,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3' - O-MOE linkage
3' - O-MOE linkage
3' - O-MOE linkage
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Similarity 89.5%;
17; Conservative
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Oligonucleotides
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Oligonucleotides having
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1 (bases 1 to 19)
Manoharan, M. and Mohan, V.
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  274449.1 GI:33084217
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03-MAY-1999 US 09/303586
MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
CO77H21/02,A61K48/00,A61P35/00,A61P35/02,A61P43/00,C12N15/09,
                                                                                                                                                                                                                                                                                                                                                                                Conservative
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2'- O-MOE; sub O linkage
2'- O-MOE; sub O linkage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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having A-DNA
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synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form confirmational
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Sequence 107 from Patent
CQ758983
CQ758983.1 GI:44848987
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Patent: JP 2002543215-A 26 17-DEC-2002;
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03-MAY-1999 US VENKATRAMAN MOHAN
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                        /mol_type="unassigned
/db_xref="taxon:32630"
/note="Primer E6r"
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Pred. No. 9.8e+02;
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                                                    Score 15.8; DB 1;
Pred. No. 9.8e+02;
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AR194758
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I31441/c
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I31441
                                                                                                                                                                                                                                                                                                Unclassified.

1 (bases 1 to 19)

1ee,L.G., Graham,R.J., Mullah,K.B. and Non-fluorescent asymmetric cyanine dye quenching reporter dyes

Patent: US 6348596-A 2 19-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length polymorphisms in (dC-dA).sub.n.(dG-dT).sub.n method of using the same Patent: US 5582979-A 353 10-DEC-1996;
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Sequence 2 from
AR194758
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1 (bases 1 to
Unclassified.
1 (bases 1 to 19)
Manoharan, M. and Mohan, V.
Oligonucleotides having A
                                                                                       Sequence 15
AR205798
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                                              Unknown
                                                       Unknown.
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ilarity 89.5%;
Conservative
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353 from patent US!
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                                                                                                                                                                                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 9.8e+02;
0; Mismatches 2;
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Pred. No. 9.8e+02;
0; Mismatches 2
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   A-DNA form
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   B-DNA
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AR205800
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AR205799
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Local Similarity 89.5%;
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AR205799
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Location/Qualifiers
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Manoharan,M. and Mohan,V.
Oligonucleotides having A
                                                                                                          geometry
Patent: US 6369209-A 17 09-APR-2002;
Location/Qualifiers
                                                                                                                                                 1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and
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Sequence 17 from
AR205800
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                                          . Similarity
17; Conserv
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Location/Qualifiers
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89.5%;
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Pred. No. 9.8e+02;
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AR205809
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AR213490
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AR205801
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TITLE
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Best Local Similarity 89.5%;
Matches 17; Conservative
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Sequence 1 f
AR213490
AR213490.1
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Sequence 18
AR205801
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AR205809
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Patent: 1
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Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form
Regioselective synthesis of 2'-O-modified nucleosides Patent: US 6403779-A 1 11-JUN-2002;
                    Unclassified.

1 (bases 1 to 19)

Kawasaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and Prakash, T.P.
                                                                                                                                                                                                                                                                                                                  Patent:
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Location/Qualifiers
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Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 9.8e+02;
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Pred. No. 9.8e+02;
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AR213492
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AR213491
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Best Local S
Matches 17
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Matches 17; Conserv
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Sequence 2
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Frakash,T.P.
Regioselective synthesis of 2'-O-modified
Patent: US 6403779-A 3 11-JUN-2002;
Location/Qualifiers
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Sequence 3 from patent US
AR213492
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
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Realsaki A.M., Fraser, A.S., Manoharan, M.,
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Regioselective synthesis of 2'-O-modified Patent: US 6403779-A 6 11-JUN-2002; Location/Qualifiers
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
Prakash, T.P.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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AR213497
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Sequence 12
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
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        Regioselective synthesis of 2'-O-modified nucleosides Patent: US 6403779-A 15 11-JUN-2002; Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                    Prakash, T.P.
                                                                                                                                                                                                                                                                                                                                         Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
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Kawasaki,A.M., Fraser,A.S.,
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/mol_type="genomic
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427 TITTIATTTATTTTTTT 445
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Kawasaki, A.M., I
Prakash, T.P.
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1 (bases 1 to 19)

1 (bases 1 to 19)

Kurz,M., Lohse,P. and Wagner,R.

Peptide acceptor ligation methods

Patent: US 6429300-A 25 06-AUG-2002;

Location/Qualifiers
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                                                      Unknown.
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Unclassified.
1 (bases 1 to 19)
1 (bases 1 to 19)
Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Process for the synthesis of oligomeric Patent: US 6465628-A 1 15-OCT-2002; Location/Qualifiers
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Ravikumar, V.T., Manoharan, M., Capaldi, D.C., Krotz, A.,
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AR237463.1
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AR305203
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Brunkow,M.E., Proll,S., Paeper,B. and Staehling-Hampton,K.
Methods for identifying genomic deletions
Patent: US 6475739-A 92 05-NOV-2002;
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Sequence 92 from patent
AR242946
AR242946.1 GI:27289608
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llarity 89.5%;
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                                                                                                                                                                                                                                                                                                                                                     19 CACCATGCCTGGCTAATTT
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Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerl Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
                                                                                                                                                1 (bases 1 to 19)
Todd,JA., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
LDL-receptor
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Location/Qualifiers
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                                                                                                                          Patent: US 6555654-A 157 29-APR-2003;
Location/Qualifiers
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242 from patent US 6545
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/mol_type="genomic DNA"
                                                                                         /mol_type="genomic
                                                                                                     organism="unknown"
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Pred. No. 9.8e+02;
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Pred. No. 9.8e+02;
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                                             Pred. No. 9.80
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AR309392
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Baxter,A.D., Collingwood,S.P., Douglas,M.E.
Oligonucleotide analogues
Patent: US 6562960-A 10 13-MAY-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 19) Todd, J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D., Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L., Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
                                  1 (bases 1 to 19)
Manoharan, M., Cook, P.D., Prakash, T.P. &
Guanddinium functionalized nucleotides
Patent: US 6593466-A 3 15-JUL-2003,
Location/Qualifiers
                                                                                                                                                        AR359804
Sequence 3 from patent US
AR359804
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AR321589
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/mol_type="genomic
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/organism="unknown"
/mol_type="genomic DNA"
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SOURCE
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Manoharan, M., Cook, P.D., Prakash, T.P. and Mohan, V. Guanidinium functionalized nucleotides and precurs Patent: US 6593466-A 5 15-JUL-2003;

Location/Qualifiers
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Manoharan, M., Cook, P.D., Prakash, T.P. and Mohan, V.

Guanidinium functionalized nucleotides and precursors thereof

Patent: US 6593466-A 4 15-JUL-2003;
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larity 89.5%;
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/mol_type="genomic I
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Sequence
AR399177
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COllingwood, S.P., Moser, H.E., Altmann, K.-H. and Douglas, M.E. Intermediates for oligonuclectide synthesis
Patent: US 6329519-A 4 11-DEC-2001;
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Crooke,S.T., Lima,W.F., Wu,H. and Monoharan,M.
Human Rnase H1 and oligonucleotide compositions thereof
Patent: US 6617442-A 17 09-SEP-2003;
Location/Qualifiers
                                                                                             (bases 1 to 19)
Crooke, S.T., Lima, W.F., Wu, H. and Monoharan, M. Human Rnase H1 and oligonucleotide compositions Patent: US 6617442-A 18 09-SEP-2003;
Location/Qualifiers
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17; Conserv
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/mol_type="genomic DNA"
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from patent US 6617442.
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Pred. No. 9.8e+02;
0; Mismatches 2;
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                      Score 15.8; DB 1;
Pred. No. 9.8e+02;
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Sequence 2 f
AR403602
AR403602.1
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Patent: US 6624294-A 1 23-SEP-2003;
Location/Qualifiers
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Unclassified.
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Kawasaki,A.M., Fraser,A.S.,
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89.5%; Pred. No. 9.8e+02;
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Sequence 4 from |
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AR403604.1 GI:4
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
Prakash, T.P.
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Query Match 1.6%;
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Matches 17; Conservative
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Kawasaki,A.M., F
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
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/mol_type="genomic |
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/mol_type="genomic DNA"
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  Fraser, A.S., Manoharan, M.,
               19)
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Pred. No. 9.8e+02;
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Pred. No. 9.8e+02;
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Regioselective synthesis of 2'-O-modified nucleosides

Resion 8 23-SEP-2003;

Patent: US 6624294-A 8 23-SEP-2003;

Location/Qualifiers
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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AR403613
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                                                                                                                         Regioselective synthesis of 2'-O-modified patent: US 6624294-A 14 23-SEP-2003; Location/Qualifiers
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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                                                                                                       /organism="unknown"
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Pred. No. 9.8e+02;
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                                            Score 15.8; DB 1;
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l Similarity 89.5%;
17; Conservative
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Newwasaki, A.M., Fraser, A.S., Manoharan, M.,
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Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
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1 (bases 1 to 19)
Cook, P.D., Manoharan, M., Maier, M. and An, H.
C3'-methylene hydrogen phosphonate oligomers and related compounds
                               Unknown.
Unclassified.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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AR432616
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AR451282
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Best Local Similarity 89.5%;
Matches 17; Conservative (
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1 Similarity 89.5%;
17; Conservative
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Manoharan, M. and Cook, P.D.
2'-O-aminoethyloxyethyl-modified oligonucleotides
Patent: US 6673912-A 5 06-JAN-2004;
Location/Qualifiers
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Manoharan,M., Cook, D.D. and Guinoss,
Modified oligonucleotides
Patent: US 6653458-A 6 25-NOV-2003;
Location/Qualifiers
1. .19
                                                                                     l Similarity
17; Conserv
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Sequence 5 from patent US
AR451262
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                                                                                      Conservative
                                                                                                                             /organism="unknown"
/mol_type="genomic |
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/mol_type="genomic"
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/mol_type="genomic
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Location/Qualifiers
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Pred. No. 9.8e+0
0; Mismatches
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Pred. No. 9.8e+02;
0; Mismatches 2
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Pred. No. 9.8e+02;
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AX081970/c
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Sequence 21
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Manoharan,M. and Cook,P.D.
2'-O-aminoethyloxyethyl-modified oligonucleotides
Patent: US 6673912-A 26 06-JAN-2004;
Location/Qualifiers
Brinkmann, U., Hoffmeyer, S., Eichelbaum, M. Polymorphisms in the human mdr-1 gene and and therapeutic applications patent: WO 0109183-A 214 08-FEB-2001;
                                                                                                                    AX081970 19 bp
Sequence 214 from Patent WO0109183.
AX081970
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ANCTIL JEAN LOUIS (CA); COTE GILLES
Location/Qualifiers
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/mol_type="genomic DNA"
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/db_xref="taxon:32630"
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Pred. No. 9.8e+02;
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Polymorphisms in the human mdr-1 gene and their
and therapeutic applications
Patent: WO 0109183-A 215 08-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft
Location/Qualifiers
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synthetic construct
artificial sequences.
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                                                                                                                         Picoult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods Patent: WO 012926-A 1238 26-APR-2001; Orchid BioSciences, Inc. (US)
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/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="synthetic"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
/note="Primer"
                                                                                                       Location/Qualifiers
                                                                                organism="synthetic construct"
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Pred. No. 9.8e+02;
 Score 15.8; DB 1;
Pred. No. 9.8e+02;
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AX117458
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Genotyping reagents, kits and methods (
Patent: WO 0129262-A 3113 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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AX149222
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Similarity 89.5%;
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/db xref="taxon:32630"
/noTe="primer"
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/mol_type="unassigned DNA"
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Pred. No. 9.8e+02
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Pred. No. 9.8e+02;
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Antisense oligonucleotide sequences derived from groel and groes inhibitors of microorganisms
Patent: WO 0136625-A 424 25-MAY-2001;
GeneSense Technologies Inc. (CA)
                                                                        Sequence 92 from Patent
AX384998
AX384998.1 GI:19578126
                                                                                                                                                                                                                                                                                                                               Bickel,R., Ehricht,R., Ellinger,T., Ermantraut,E., Kaiser,T., Schulz,T. and Wagner,G.
Method for qualitative and/or quantitative detecting of molecular interactions on probe arrays
Patent: WO 0202810-A 33 10-JAN-2002;
Clondiag Chip Technologies GmbH (DE)
Location/Qualifiers
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Sequence 33 from Patent W00202810.
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AX149222.1 GI:14347746
Brunkow, M.E., Proll, S. and Paeper, B.
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/mol_type="unassigned DNA"
/mb xref="caxon.32630"
/mbe="Antisense oligonucleotide"
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/db_xref="taxon:32630"
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Pred. No. 9.8e+02;
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                                                                       Heinrich,G. and Kerb,R.
Methods for the treatment of cancer with irinotecan based on CYP3A5
Patent: WO 03013534-A 522 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
                                                                                                                                                                             Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                        Sequence 522 from Patent AX706825
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Methods for the treatment of cancer with irinotecan
Patent: WO 03013534-A 521 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Patent: WO 0210455-A 92 07-FEB-2002;
Celltech R & D, Inc. (US) ; Straehling-Hampton,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned
/db_xref="taxon:9606"
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                                      organism="Homo sapiens"
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Pred. No. 9.8e+02;
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AX707754
AX707754.1 GI:29563927
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17; Conser
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Location/Qualifiers
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AX707755
AX707755.1 GI:29563928
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Methods for treatment of cancer using
Patent: WO 03013536-A 521 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Eukaryota; Metazoa;
Mammalia; Eutheria;
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Primates;
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Pred. No. 9.8e+02;
0; Mismatches 2
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                                                                                                                                     Score 15.8; DB 1;
Pred. No. 9.8e+02;
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Catarrhini; Hominidae;
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BD106114/c
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FH Key
FULCHABL J HELLER, CARL F EDMAN
CC 12Q1/68, C12N15/09, C12N15/00
CC Description of Artificial Sequence: Am.
CC reactivity
FH Key
FT source
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OS Art
PN JP
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PF 01-
PR 05-
PR 05-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   self-assembling microelectronic integration system capable of designating self address, compartment device, mechanism, methoperation for molecular biological analysis and diagnosis Patent: JP 2001525193-A 16 11-DEC-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    artificial sequences.
1 (bases 1 to 19)
Sosnowski,R.G., Butler,W.F., Tu,E.,
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JP 2001525193-A/16.
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 PN JP 2002501376-A/129
pD 15-JAN-2002
pD 15-JAN-2002
pF 15-APR-1998 JP 1998543635
pR 15-APR-1997 US 60/043553,05-JUN-1997
JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES
THOMAS CASKEY, ROGER
PI DAVID COX,
pI DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
                                                                                                                         Novel LDL-receptor
Patent: JP 2002501376-A 129 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE
                                                                                                                                                                                            Chlamydia sp.
Chlamydia sp.
Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
1 (bases 1 to 19)
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BD106114.1
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Novel LDL-receptor.
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    DAVID COX,
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism='Artificial Sequence'
Location/Qualifiers
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/mol_type="genomic DNA"
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                                                                                                                               TRUST,
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BD106199
Sequence 3699 from Patent
AX517501
AX517501.1 GI:23566159
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PATENT: PATENT: TO THE WELLCOME THE WELLCO
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JP 2002501376-A/214.
Chlamydia sp.
Chlamydia sp.
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
1 (bases 1 to 19)
Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D., Hamm
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A61K48/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17, A61K39/395,
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/mol_type="genomic DNA"
/db_xref="taxon:35827"
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/mol_type="genomic DNA"
/db_xref="taxon:35827"
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Pred. No. 9.8e+02;
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Query Match
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Matches 24
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Best Local S
Matches 21
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                                                                                                                                                                                   17 bp RNA linear PAT Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.
                                                                                                                                                                                                                                                                                                                                                                                              24;
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5949 02-APR-2002;
                                                             Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates; 1 (bases 1 to 17)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Genotyping reagents, kits and methods of
Patent: WO 0129262-A 1204 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1204 from Patent AX116081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Nakamura; Y., Sekine, A., Iida, A. and Sai
Detection of genetic polymorphisms
Patent: WO 02052044-A 3699 04-JUL-2002;
Riken (JP)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa;
                                                                                                                    Homo sapiens
                                                                                                                                                    BD202923.1 GI:33012693 JP 2002509721-A/5949.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens
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                                                                                                                                      Homo sapiens (human)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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Primates;
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Pred. No. 1.4e+03;
2; Mismatches 11
                                                                                                                                                                                                                                                                                                                                                                                           Score 15.6; DB 1;
Pred. No. 1.3e+03;
1; Mismatches 15
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WO0129262.
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                                                                                  Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Craniata; Vertebrata;
Catarrhini; Hominidae
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RESULT 942
BD202934
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AUTHORS
TITLE
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Matches 16
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              source
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

CE 1 (bases 1 to 17)

RS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response

AL Patent: JP 2002509721-A 5960 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5960

PD 02-APR-2002

PP 24-MAR-1998 US 60/079678
PF 24-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5949
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/0796
PI PAMELA A PAVCO ELISABETH 1
PI JAMES A MCSWIGGEN
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PC A61P35
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JP 2002509721-A/5960.
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                                                김김포은
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PC A61P3
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nilarity 94.1%;
Conservative
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                       A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
                                                                                           participating
                                                                                                                         Method and reagent for treating
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Location/Qualifiers
1. 17
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                          /organism='Homo
/organism="Homo sapiens"
                                                                                             in vasculogenic response
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                                              sapiens (human)'.
                                                                                                                          diseases
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BD202937
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AUTHORS
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                  VERSION
KEYWORDS
SOURCE
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ORGÁNISM
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VERSION
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BD202939
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Best Local &
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BD202939.1 GI:33012709
                   JP 2002509721-A/5965.
Homo sapiens (human)
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sapiens

treating diseases or conditions concerning in vasculogenic response

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5

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Query Match
Best Local Similarity
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                                  734 CTGGGACTACAGGCGCC 750
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BD202937
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PC A61P35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5933 02-APR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
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                                                                                               Similarity
CTGGGATTACAGGCGCC 17
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JP 2002509721-A/5963
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                                                                                                                                                                                                                                                                                                       participating in vasculogenic response 
Key Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                 Method and reagent for treating diseases
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          JAMES A MCSWIGGEN
                                                                            Conservative
                                                                                                                                                                                                                                                                                    source
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/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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                                                                            1.6%; Score 15.4; DB 1;
94.1%; Pred. No. 9.4e+02;
tive 0; Mismatches 1
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Pred. No. 9.4e+02;
0; Mismatches 1
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BD202960
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                                                                                                              S Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswige Method and reagent for treating diseases or conditions patent: JP 2002509721-A 5986 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5986
PD 02-APR-2002
PP 2002509721-A/5986
PD 02-APR-2002
PF 24-MAR-1999 UP 2000541291
PR 27-MAR-1998 US 60/079678
PI JAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE PI JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1063
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PC A61
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 5965 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
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                                                A61P29/00
PC A61P3
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
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                                                                                                                                                                                                                                                                                                                                                                Homo sapiens (human)
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BD202960.1 GI:33012730
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                    C12N5/00
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             Method and reagent for treating diseases
                                                                                                                        02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PANCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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Key Location/Qualifiers
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
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concerning molecule
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Best Local Similarity
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Matches 16; Conserv
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PC A61P35
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Mammalia; Eutheria; Primates;
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JP 2002509721-A/6052
02-APR-2002
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                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                   Key
                                                                                                                                                                                                                                                                                                                                               participating in vasculogenic
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J. Method and reagent for treating diseases or conditions concerni molecule participating in vasculogenic response Patent: JP 200259721-A 6052 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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Key Location/Qualifiers
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Location/Qualifiers
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Pred. No. 9.4e+02;
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TITLE
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

22 1 (bases 1 to 17)
23 Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
24 Method and reagent for treating diseases or conditions concerning
25 molecule participating in vasculogenic response
26 Patent: JP 2002509721-A 6054 02-APR-2002;
27 RIBOZYME PHARWACEUTICALS INC
28 Homo sapiens (human)
29 PM 19 2002509721-A/6054
29 D0 2-APR-2002
29 PP 24-MAR-1998 US 60/079678
29 PF 24-MAR-1998 US 60/079678
20 PF 24-MAR-1998 US 60/079678
20 PJ PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
29 PI JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          S PAVCO,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswigg Method and reagent for treating diseases or conditions con molecule participating in vasculogenic response L Patent: JP 2002599721-A 6053 02-APR-2002; RIBOZYME PHARMACEUTICALS INC OS Homo sapiens (human) PN UP 2002599721-A/6053 PD 02-APR-2002 PP 20-APR-2002 PP 24-MAR-1998 US 60/079678 PR 27-MAR-1998 US 60/079678 PAMELA A PAVCC, ELISABETH ROBERTS, THALE JARVIS, CLAIRE (PAMEL) A MCSWIGGEN
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                                                                                                                                                                                                                                                                                                                                                                                              17 bp RNA linear PAT 17-JUL-20
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
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C12N5/00
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participating in vasculogenic
Key
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
    Homo Bapiens (human)

pr 2002509721-A/6054

pr 2002509721-A/6054

02-APR-2002

24-MAR-1999 JP 2000541291

27-MAR-1998 US 60/079678

PAMELA A PAVCO ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e
0; Mismatches
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BD203029
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Best Local Similarity
                                              Query Match
Best Local 9
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1002 AAGCGATTCTCCTGTCT 1018
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1 (bases 1 to 17)

PavCo, P. A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J. A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6055 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC OS Homo sapiens (human)
PN JP 2002509721-A/6055
PD 02-APR-2002
PD 02-APR-2002
PD 02-APR-2009
PP 24-MAR-1999 JP 2000541291
PP 24-MAR-1999 JP 2000541291
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
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JP 2002509721-A/6055.
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                                                 Similarity
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                  participating in vasculogenic response Key Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                         JAMES A MCSWIGGEN
                                 Conservative
                                                                                                                                                                                                    source
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                             /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                 1.6%;
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02
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REFERENCE
AUTHORS
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BD203032
LOCUS
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AUTHORS
TITLE
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BD203030
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Best Local
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

Patent: JP 2002509721-A 6056 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)

PU 2002509721-A/6056

PD 02-APR-2002

PF 24-MAR-1999 JP 2000541291

PF 24-MAR-1999 US 60/079678

PR 27-MAR-1998 US 60/079678

PI JAMES A MCSWIGGEN
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C12N5/00
CC W-
                                                                                                                                                                 Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.

BD203032
BD203032 1 GI:33012802
JP 2002509721-A/for
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PC A61P39
        Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

(bases 1 to 17)

Pavco, P.A., Roberte, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response

Patent: JP 2002509721-A 6058 02-APR-2002;
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RIBOZYME PHARMACEUTICALS
                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                              Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 94.1%;
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Homo sapiens'
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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COMMENT
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                                                                                                                                                                                                                                                                                                      RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6060
PD 02-APR-7002
PD 02-APR-1999 JP 2000541291
PF 24-MAR-1998 US 60/0796:
PF 27-MAR-1998 US 60/0796:
PI PAMELA A PAVCO, ELISABETH 1
PI JAMES A MCSWIGGEN
                                                                                                                                                                                                     A61P29/00,
PC A61P35
C12N5/00
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PC A61P35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 200259721-A 6060 02-APR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens (human)
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BD203034
BD203034.1 GI:33012804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
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nilarity 94.1%;
Conservative
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                                                                                                                                                                                                                                                                                                                         Homo sapiens (human)

17 2002509721-A/6060

18 2-APR-2002

19 200541291

27-MAR-1999 US 60/079678

PAMELA A PAVCO ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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JP 2002509721-A/6058
02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
                                                                                                                                                           Method and reagent for treating concerning molecule
                                                                                                                                                                                                                          A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
                                                                                                                        Key
                                                                                                                                             participating in vasculogenic response
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Location/Qualifiers
                                                          /organism='Homo
Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
/organism="Homo sapiens'
/mol_type="genomic RNA"
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                                                                                                                      Location/Qualifiers
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Pred. No. 9.4e+02;
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                                                                                   sapiens (human)'
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RESULT 953
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ORGANISM
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Best Local S
Matches 16
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1 (bases 1 to 17)

1 (bases 2 to 17)

1 (bases 2 to 17)

1 (bases 3 to 17)

1 (bases 3 to 17)

1 (bases 1 to 17)

1 (coshott, C. and Mcswigg)

2 (coshott, C. and Mcswigg)

3 (coshott, C. and Mcswigg)

4 (coshott, C. and Mcswigg)

2 (coshott, C. and Mcswigg)

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PC A61
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                                                                                                                                                        BD203058 17 bp RNA linear PA:
Method and reagent for treating diseases or conditions
molecule participating in vasculogenic response.
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  Eukaryota; Metazoa; Chordata;
                                                                              JP 2002509721-A/6084.
                                                                                                        BD203058
BD203058.1 GI:33012828
                                                  Homo sapiens (human)
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                            sapiens
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  concerning molecule
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism='Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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94.1%;
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Pred. No. 9.4e+02;
0; Mismatches 1
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1. .17
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Pred. No. 9.4e+02;
0; Mismatches 1;
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Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 17;
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REFERÈNCE
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TITLE
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ORGANISM
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BD203059
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PC A61P29/00,
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PC A61P35
C12N5/00
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Payco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 200259721-A 6084 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

Pavco, P. A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J. A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6085 02-APR-2002; RIBOZYME PHARMACEUTICALS INC

OS Homo mapiens (human)
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                                                                                                         C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens
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27-MAR-1998 US 660/079678
27-MAR-1998 US 660/0796778
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVÍS, CLAIRE COESHOTT,
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participating in vasculogenic response
                                                                       A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
                                   Method and reagent for treating diseases
                                                                                                                                             JAMES A MCSWIGGEN
                                                                                                                                                                                                                   JP 2002509721-A/6085
02-APR-2002
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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SOURCE
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PC A61P35
C12N5/00
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
PATECH: JP 2002509721-A 6192 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6192
PD 02-APR-2002
PD 02-APR-2002
PD 02-APR-2009
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PR 27-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT
DAMES A MCSWIGGEN
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BD203166
BD258347
Regulation of
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
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1 (bases 1 to 17)
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                                                                                  CTGGTCTCGAACTCCTG 1
                                                                                                           CTGGTCTCGAACTCCCG 227
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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Location/Qualifiers
1 17
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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 repressor genes using nucleic acid
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Pred. No. 9.4e
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ORGANISM
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PC A61K3
PC (C12N
CC Regul
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BD258348
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16; Conser
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RIBOZYME PHARMACEUTICALS INC
OS EUKATYOTE
PN JP 2002541795-A/6140
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PF 11-APR-1999 US 601/1293
PR 12-APR-1999 US 601/1293
                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 17)
Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic acid
Patent: JP 2002541795-A 6141 10-DEC-2002;
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PC
C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02,
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic ac
Patent: JP 2002541795-A 6140 10-DEC-2002;
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BD258347.1 GI:33068117
JP 2002541795-A/6140.
                                                                     C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, C12R1:91),
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JP 2002541795-A/6141.
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12-APR-1999 US 60/129390
12-AWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
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(C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,A61K37/02,(C12N5/00,C12R1:91)
                                                                                                                                                      10-DEC-2002
11-APR-2000 JP 2000611654
12-APR-1999 US 60/129390
LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN
                                                                                                                                                                                                                                                                       Eukaryote
JP 2002541795-A/6141
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(C12N5/00,C12R1:91)
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 9.4e+02;
0; Mismatches 1
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Sequence 264 from Patent
AX671819
AX671819.1 GI:29330167
             medicines
Patent: WO 03004526-A 333 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                 Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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ilarity 94.1%;
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Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="Homo sapiens"
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Sequence 1377 from Patent
AX672932
AX672932.1 GI:29331280
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   l Similarity
16; Conserv
                                                                                                                                                                          Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Sequence 1648 from Patent
AX673203
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                   Patent: WO 03004526-A 1648 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 94.1%; Pred. No. 9.4e+02;
16; Conservative 0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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 Score 15.4; DB 1;
Pred. No. 9.4e+02;
0; Mismatches 1;
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AX673646/c
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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Best Local Similarity 94.1%;
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Homo sapiens (human)
                                                             AX674342
Sequence 2787 from Patent
AX674342
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                              Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                    Shannon, M.,
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Patent: EP 1281758-A 5303 05-FEB-2003; Aeomica, Inc. (US)
                                        Four
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Eutheria;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 5423 from Patent
AX692691
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                   Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 94.1%;
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       Score 15.4; DB 1;
Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5430 from Patent
AX692698
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 AX692700
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                                                                                                                                                               /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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94.1%; Pred. No. 9.4e+02;
tive 0; Mismatches 1;
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Pred. No. 9.4e+02;
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AX724311
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       Mus musculus
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Rodentia;
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                                                                                       Sequence 1998 from Patent AX724311
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Sequence 5433 from Patent EP1281758
AX692701
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                                                 Mus musculus (house mouse)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Pred. No. 9.4e+02;
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Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae; Mus
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                            Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Similarity 94.1%;
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Patent: WO 03025175-A 1276 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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Matches 16; Conserv
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                                                                                                                                                                                Patent: WO 03025175-A 2545 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                                                                                              Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Conservative (
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Pred. No. 9.4e+02;
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AX732723/c
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Best Local Similarity 94.1%;
Matches 16; Conservative
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Matches 16; Conservat
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            AX732731 17 bp DNA Sequence 4365 from Patent WOO3025175. AX732731 GI:30512074
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837 GATCTGCCTGCCTCGGC 853
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Homo sapiens
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AATGCAGTGGTGATC 1
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 4519 from Patent
AX732885
AX732885.1 GI:30512228
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Sequence 4657 from Patent
AX733023
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour
                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                     Homo sapiens (human)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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Sequence 4901 from Patent
AX733267
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Sequence 5046 from Patent
AX733412
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Patent: WO 03025175-A 4657 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                       Patent: WO 03025175-A 5046 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Similarity 94.1%; Pred. No. 9.4e+02;
16; Conservative 0; Mismatches' 1
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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AX734071/c
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Best Local Similarity 94.1%;
Matches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
 Query Match
Best Local Similarity
Matches 16; Conserv
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AX734071
AX734071.1 GI:30513414
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                          Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                           Patent: WO 03025175-A 5777 27-MAR-2003;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                            /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
No. matches 1;
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Pred. No. 9.4e+02;
0; Mismatches 1;
              Score 15.4; DB 1; Length 17; Pred. No. 9.4e+02;
   Mismatches
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AX734197/c
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AX734153/c
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity 94.1%;
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                                                                                                                                                                                  Patent: WO 03025175-A 5831 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
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Sequence 5787 from Patent
AX734153
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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nilarity 94.1%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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RESULT 994 AX736964/c

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Matches 16; Conserv
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or resistance to viruses and thereof as medicaments
Patent: WO 03025177-A 3226 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                    Sequence 3418
AX737828
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16; Conserv
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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                                        GI:30517116
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
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AX738556/c
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AX739093/c
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Query Match 1.6%;
Best Local Similarity 94.1%;
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 3418 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03075177-A 4146 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 4146 from Patent AX738556
Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tum reversion, apoptosis and/or resistance to viruses and the thereof as medicaments
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Similarity 94.1%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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                                                                                                                             Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
1, 17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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Best Local Similarity 94.1%;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 94.1%;
GATCTGCCTGCCTCGGC
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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AX761576/c
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Matches 16
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TITLE
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AX761520
AX761576 17 bp DN Sequence 4897 from Patent W003040369.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                            apoptosis and/or viral resistance phenomena
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                            GATCATAGCTCACTGCA 17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
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AR152862/c
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AX761576.1 GI:32256192
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                                                                                                                                                                                                                                                                      16;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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AR152862
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Similarity 94.1%; Pred. No. 9.4e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNI
/db_xref="taxon:9606"
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Length 17;

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RESULT 1009
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CQ801569
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Detection of neoplasia by analysis of Patent: US 6235470-A 142 22-MAY-2001;
Location/Qualifiers
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                                                                                                 Genetic markers
Patent: WO 2004040016-A 11 13-MAY-2004;
UCL Biomedica PLC (GB)
                                                                                                                                                                                   synthetic construct synthetic construct
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Ewald, H.D. and Lundorf, M.D.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                            /organism="synthetic construct"
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/db_xref="taxon:32630"
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                                 'note="Oligonucleotide"
                                                                                         Location/Qualifiers
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Score 15.4; DB 1; Pred. No. 9.8e+02;
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            Sequence 4
AX082553
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Macular degeneration diagnostics and therapeutics
Patent: WO 0112823-A 34 22-FEB-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
                                                                                                                                                                                                                                                                                                                                                                      synthetic construct
synthetic construct
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Stone,E.M. and Sheffield,V.C.
Macular degeneration diagnostics and therapeutics
Patent: US 6593104-A 34 15-JUL-2003;
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AR353732
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AX082553.1
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/mol_type="genomic |
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                                                                                                                                                                                                               /note="Primer"
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                18 bp
from Patent WO0111047
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 GI:13184663
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                   16;
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Genotyping reagents, kits and methods of use
Patent: WO 0129262-A 1310 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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AX116187
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                                   Genotyping reagents, kits and methods of use Patent: WO 0129262-A 3598 26-APR-2001; Orchid BioSciences, Inc. (US)
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Patent: WO 0129262-A 3694 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Patent: WO 02077272-A 800 03-OCT-2002;
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/db_xref="taxon:32630"
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                                                      note="Detection oligonucleotide for MPL"
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PD 26-FEB-2002
PD 10-MAR-1999 JP 200953574
PR 10-MAR-1999 US 09/038637
PI DAVID SIDLANSKI
PC CINIS/09,C12Q1/67
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                                                                                                        Neurodegnerative disease-associated gene Patent: WO 2004033723-A 121 22-APR-2004; IMPERIAL COLLEGE INNOVATIONS LIMITED (GB) Location/Qualifiers
                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Detection of neoplasia by
BD134318
BD134318.1 GI:23229263
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/db_xref="taxon:32630"
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            94.1%;
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Score 15.4; DB 1;
Pred. No. 1e+03;
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Pred. No. 9.8e+02;
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19 bp
Sequence 223 from Patent WO0109183.
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Patent: WO 0109183-A 213 08-FEB-2001;
EPIDAUROS AG Bittechnologie Aktiengesellschaft
Location/Qualifiers
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synthetic construct
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Polymorphisms in the human mdr-1 gene and their
and therapeutic applications
Patent: WO 0109183-A 211 08-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft
Location/Qualifiers
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Sequence 211 from Patent
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX116706/c
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and therapeutic applications
Patent: WO 0109183-A 223 08-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
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Patent: WO 0109183-A 225 08-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft
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AX081979.1 GI:13170786
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AX116706
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 Picoult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods of use thereof
                                                     synthetic construct
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Methods for the treatment of cancer with
Patent: WO 03013534-A 523 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Sequence 523 from Patent W003013534.
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                                                                   Heinrich, G. and Kerb, R.
Methods for the treatment of cancer with
Patent: WO 03013534-A 524 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/db_xref="taxon:32630"
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AX707756/c
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Best Local Similarity 84.2%;
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Sequence 524 from Patent
AX707757
AX707757.1 GI:29563930
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Methods for treatment of cancer using irinotecan based
Patent: WO 03013536-A 523 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Sequence 523 from Patent WO03013536.
AX707756
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Location/Qualifiers
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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                         Score 15.4; DB 1;
Pred. No. 1e+03;
1; Mismatches 2;
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RESULT 1028
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Best Local Similarity 61.0%;
Matches 25; Conservative
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                                                                                                                                                                                                                                                                                                                            Homo sapiens (human)
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Location/Qualifiers
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates;
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 TGCAGTGAGCCAAGATTGCGCCACTGCA 18
                      TGCAGTGGCGCAATCTTGGCTCACTGCA 682
                                                                                                                                  /organism="Homo sapiens"
/mol_type="unassigned DNA"
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26
                                                                                                        /note="2 of 2 allelic variants
Accession number cg43989360"
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Accession number cg43993862"
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/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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AX163377/c
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Matches 26; Conserv
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Sequence 1002 from Patent
CQ002362
CQ002362.1 GI:41008994
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 6705 07-JUN-2001;
Curagen Corporation (US)
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AX157373 51 bp
Sequence 701 from Patent WO0140521.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                       of use thereof WO 0147944-A 1002 05-JUL-2001;
                                                                                                                                                                                                                                                                                                 Corporation (US)
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Accession number cg43989360"
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
                                                                                                                                                                                                         note="Accession number cg42840476"
                                                                                                                                                                                                                                                 organism="Homo sapiens"
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Pred. No. 1.3e+03;
0; Mismatches 8;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX157373.1
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 6638 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
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Sequence 6638 from Patent
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Similarity 71.4%;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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AR056146.1
                                                                                                                                                                       h 1.5%;
Similarity 59.1%;
26; Conservative |
                                                                                                                 AATTAGCTGGGCGTGGTGGCGGGCGCCTGTAATCCCAGCTACTT 48
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                 /note="2 of 2 allelic variants (6637 is other Accession number cg39667665"
                                                                                                                                                                                                                                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
0; Mismatches 18;
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AR179955
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                                            Unclassified.

1 (bases 1 to 15)

1 (bases 1 to 15)

1 (vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou, Gene expression profiles in normal and cancer compatent: US 6333152-A 23 25-DEC-2001;

Location/Qualifiers
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AR179955
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ARI13904
ARI13904.1 GI:14094226
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Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 350 17-NOV-1998;
Location/Qualifiers
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Patent: US 6132967-A 350 17-OCT-2000;
Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S.
Draper,K.G.
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                                           organism="unknown"
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725 CCTGAGTAGCTGGGA 739
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Sequence 40 from Patent WO03008443.
AX709016
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Moddak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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AGCAGCTGGGATTAC 1043
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/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32630"
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Sequence 185 from patent
AR435926
AR435926.1 GI:40199010
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Regulatory elements in the 5' region of the vrl
Patent: WO 2004053120-A 681 24-JUN-2004;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Unclassified.
1 (bases 1 to 16)
1 (bases 1 to 16)
Eckstein,F., Ludwig,J. and Beigelman,L.
                                                                                                Sequence 268 from patent AR436009
                                                                                                                                                                                                                                                                                                                                                                                                           Unknown.
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ilarity 100.0%;
Conservative (
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="V$S8 01"
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AX741034
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                                                                      Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
Patent: WO 03027328-A 20 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
Location/Qualifiers
                                                                                                                                                                                               synthetic construct
synthetic construct
artificial sequences.
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Boston Probes, Inc. (US); DakoCytomation
Location/Qualifiers
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AX741046
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15; Conservative 0;
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nilarity 100.0%;
Conservative 0
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/mol type="genomic DNA"
/mol txpe="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="unknown"
/mol_type="unassigned RNA"
/organism="synthetic construct"
/mol type="genomic DNA"
/mox xref="taxon:32630"
/noTe="Description of Combined
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from Patent W003027328.
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AR153250
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1 (bases 1 to 17)

Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6198 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                        BD203172 17 bp RNA linear PAT 17-JUL-20 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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Shultz,J.William., Lewis,M.K., Leippe,D., Mandrekar,M., Rhodes,R.Byron., Andrews,C.Ann., Hartnett,J.Robert., Gu. Olson,R.J., Wood,K.V. and Welch,R. Detection of nucleic acid hybrids
Patent: US 6235480-A 252 22-MAY-2001;
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                                                                                                   C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Similarity 100.0%; Pred. No.
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                                        A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
                                                                                                         24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
            Method and reagent for treating diseases or conditions
                                                                                                   JAMES A MCSWIGGEN
                                                                                                                                                                         Homo sapiens (human) 
JP 2002509721-A/6198
                                                                                                                                                           02-APR-2002
concerning molecule
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                                                                                                                                              Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Shultz, J. William.,
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                                                                                                                 Patent: EP 1281758-A 5266 05-FEB-2003;
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/mol_type="unassigned DN
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/mol_type="genomic RNA"
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15; Conservative 0;
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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100.0%; Pred. No. 9.9e+02;
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AX735526/c
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KEYWORDS
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AX735898
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cal Similarity 100.0%;
15; Conservative
                                                                                                                                                                   481 TGCAGTGGTGTGATC 495
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Patent: WO 03025176-A 3094 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. .17
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AX725407
Sequence 3094 from Patent
AX725407
AX725407.1 GI:30504750
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                                                                                                                                                                                                                                                                                                             Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour
reversion, apoptosis and/or resistance to
thereof as medicaments
Patent: WO 03025177-A 1116 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                           AX735898
Sequence 1488 from Patent
AX735898
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens
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                             AX735898.1
                                                                                                                                           TGCAGTGGTGATC
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GI:30514803
                               GI:30515175
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WO03025176.
                                                           17 bp DNA WO03025177.
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Length 17;

Indels

0,

Gaps

0

linear

PAT 08-MAY-2003

RESULT 1050

Homo sapiens (human)

Length 17;

Indels

0

Gaps

0

linear

PAT 08-MAY-2003

suppression, viruses and

the tumour

0;

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RESULT 1054
BD191463
LOCUS
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AUTHORS
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AX760125
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Patent: WO 03025177-A 1488 27-MAR-2003;
Holtzman,D.

Tumor necrosis factor receptor related proteins Patent: JP 2002512515-A 10 23-APR-2002;
                                                                                                     BD191463
BD191463.1 GI:33001202
JP 2002512515-A/10.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX760125
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                                                                         unidentified unidentified
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
                                                         unclassified.
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                                           (bases 1 to 18)
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llarity 100.0%; Pred. No. 9.9e+02;
Conservative 0; Mismatches 0;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN/db_xref="taxon:9606"
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100.0%; Pred. No. 9.:
ive 0; Mismatches
                                                                                                                                                                factor receptor
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3. 9.9e+02;

0;
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a and their use as
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AX156680
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AX226132
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PN JP 2002512515-A/10
PD 23-ARR-2002
PF 16-APR-1998 JP 199854429
PF 16-APR-1997 US 08/84
PI DOUGLAS HOLTZMAN
PC C07K14/705,C07K16/28,C1:
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location
                                                                                                                                                                                                                                                                                                    880 TGAGCCACCACGCCC 894
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nuc
methods of use thereof
Patent: WO 0140521-A 8 07-JUN-2001;
                                                                                                      Homo sapiens (human)
                                                                                                                                                                 Sequence 8 from Patent WO0140521. AX156680
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AX226132
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UNIVERSITE CATHOLIQUE DE LOUVAIN (BE)
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                                                                                     Eukaryota;
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C07K14/705,C07K16/28,C12N5/10,C12N15/12
Strandedness: Single;
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16-APR-1997 US 08/8436
                                                                         Eutheria;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                           'note="oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                    organism="synthetic construct"
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                                                                         Chordata;
Primates;
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                             nucleotide
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AX163164/c
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3758 07-JUN-2001;
Curagen Corporation (US)
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Sequence 3758 from Patent
AX160430
AX160430.1 GI:14541761
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                                                                                                                                                              Sequence 6492 from Patent AX163164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
Muthods of use thereof
Patent: WO 0140521-A 6492 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
                                                                                                           Homo sapiens (human)
                                                                                      Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates;
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Accession number cg42918213"
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accession number cg43919529"
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Pred. No. 1.3e+03;
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                                                                                      Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX158115
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AX162706
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AX162706
AX162706.1
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388 CAAAGTGCTGGGATTACAGGCGTGCAGCCGTGCCTGGCC
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                                                                             Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide polymorphisms and methods of use thereof Patent: WO 0140521-A 6034 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNP
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26
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/db_xref="taxon:9606"
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/mol_type="unassigned DN:
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Chatelain, F. and Kumarev, V.
                                                                                                                                                           Process for preparing polynucleotides on tightly packed bed Patent: US 5869643-A 18 09-FEB-1999; Location/Qualifiers
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Chatelain, F. and Kumarev, V.
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Best Local Similarity 88.9%;
Matches 16; Conservative
            TITLE
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                                                                                                                                Sequence
AR074312
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AR062604
                                         1 (bases 1 to 18)
Hanecak,R.C., Anderson,K.P., Bennett,C.Frank., Chiang,M.
Brown-Driver,V.L., Ecker,D.J., Vickers,T.A., Wyatt,J.R.
                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 18)
Bennett, C.Frank. and Mirabelli, C.K.
Oligonuclectide modulation of cell adhesion
Patent: US 5843738-A 4 01-DEC-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3
AR058305
Oligonucleotides having a conserved G4 Patent: US 5952490-A 120 14-SEP-1999; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                            Unknown
                                                                                       Unknown
                                                                                                                      AR074312.1
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                                 Imbach, J. Louis
                                                                           Unclassified.
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/mol_type="unassigned
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AR104707/c
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AR097579
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lin,C.-I.Patey., Wallace,R.Bruce., Cossman,J. and French,C.

Lin,C.-I.Patey., Wallace,R.Bruce., Cossman,J. and French,C.

Method and formulation for lyophilizing cultured human cells to

preserve RNA and DNA contained in cells for use in molecular

biology experiments

biology experiments

Patent: US 6071745-A 9 06-JUN-2000;

Location/Qualifiers
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Sequence 9 from
AR097579
AR105529
Sequence 4 from patent US
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Bennett, C. Frank. and Mirabelli, C.K.
Oligonuclectide modulation of cell adhesion
Patent: US 6093811-A 4 25-JUL-2000;
                                                                                                                                                                                                                                                                                           Sequence 4 from patent US AR104707
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Pred. No. 1.
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AR123191/c
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AR106506/c
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Antisense modulation of cell adhesion molecule
treatment of cell adhesion molecule-associated
Patent: US 6096722-A 4 01-AUG-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                           16;
                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 18)
Keeling,P. and Guan,H.
Starch encapsulation
Patent: US 6107060-A 30 22-AUG-2000;
Location/Qualifiers
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1 (bases 1 to 18)
Bennett, C. Frank.,
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                                                                     1 (bases 1 to 18)
Bennett, C. Frank. and Mirabelli, C.K.
Oligonucleotide inhibition of cell;
Patent: US 6169079-A 4 02-JAN-2001;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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                                                                                                                                 artificial sequences.

2E 1 (bases 1 to 18)
2S Shiozawa,S., Komai,K., Yagi,H. and Matsuura,N.
3S Shiozawa,S., Komai,K., Yagi,H. and Matsuura,N.
Genomic DNA participating in rheumatoid arthritis, method of diagnosing the same, method of judging the onset risk of the same and diagnostic for detecting the same

Patent: WO 02079466-A 10 10-OCT-2002;
SHUNICHI SHIOZAWA, KOICHIRO KOMAI,HIROFUMI YAGI,NAO MATSUURA
OS Artificial Sequence
PN WO 02079466-A/10
PD 10-OCT-2002
PF 30-MAR-2002 WO 2002JP003191
PF 30-MAR-2001 JP 01P 102006
PR 30-MAR-2001 JF 01P 102006
PR 30-MAR-2001 JF 01P 102006
PR SHUNICHI SHIOZAWA,KOICHIRO KOMAI,HIROFUMI YAGI,NAO MATSUURA
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Sequence
AR154096
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                                                                                                                                                                                                                                                                                                                                                                                                18 bp DNA linear PAT 16-APR-200 Genomic DNA participating in rheumatoid arthritis, method of diagnosing the same, method of judging the onset risk of the same and diagnostic for detecting the same.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Materials and methods for indentifying tandem repeat DNA markers Patent: US 6238863-A 146 29-MAY-2001;
                                                                        SEFF
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BD179445.1 GI:30016763
WO 02079466-A/10.
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Schumm, J.W. and Ba
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unclassified.
                                                                                                                          I SHUNICHI SHIOZAWA, KOICHIRO KOMAI, HIROFUMI YAGI, NAO MATSUURA PC C12N15/09, C12Q1/68, G01N33/566, G01N33/50
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                                                      /organism='Artificial Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.1e+03;
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VERSION
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VERSION
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Local Similarity
mes 16; Conserv
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OS Artificial Sequence
PN JP 2002522447-A/14
PD 23-UU-2002
PFT SOURCE
PN OP-AUG-1999 UP 20056
PR 07-AUG-1998 US 09/:
PI MUTHIAH MANCHARAN, PHII
PI KAWASAKI
PC C07H19/167, C07H19/067
PC C12N15/00
PC C12N15/00
PT SOURCE 1.1.11
FT SOURCE 1.1.11
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synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 18)
Manoharan, Cook, P.D., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified nucleoside compound and oligomer compound
produced therefrom
                                                                                                                                                                                                                                                                  Sequence 110 from Patent CQ758986
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18 bp DNA linear PAT 17-
Aminooxy-modified nucleoside compound and oligomer compound
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JP 2002522447-A/14.
                                                       Patent: WO 2003104489-A 110 18-DEC-2003; Philipps-Universitaet Marburg (DE)
                                                                                                              Reichwald, K.
                                                                                                                                  Platzer, M., Platzer, C., Gudermann, T., Hebebrand, J.,
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                                                                                            Mchrl variant associated with human obesity
                                                                                                                                                                       artificial sequences.
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07-AUG-1998 US 09/130973
MUTHIAH MANOHARAN,PHILIP DAN COOK,THAZHA P PRAKASH,ANDREW M
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
organism="synthetic construct"
                                   Location/Qualifiers
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Pred. No. 1.1e
0; Mismatches
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Pred. No. 1.1e+03;
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CQ758988
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AUTHORS
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AUTHORS
TITLE
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VERSION
KEYWORDS
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Matches 16
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  632 CAACTCTGTCACCCAGGC 649
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                                                                                                                                 purposes
Patent: WO 2004020664-A 307 11-MAR-2004;
Universitaet Hohenheim (DE)
Location/Qualifiers
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synthetic construct
artificial sequences.
                                                                                                                                                                                                                                                                                                 Sequence 307 from Patent CQ788001
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                                                                              /note="R ckw rts-Primer f r M10"
                                                                                         organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"
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Pred. No. 1.1e+03
                           Score 14.8; DB 1;
Pred. No. 1.1e+03;
0; Mismatches 2;
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Pred. No. 1.1e+03;
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Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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CQ801563
CQ801563.1 GI:47058153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Neurodegnerative disease-associated gene
Patent: WO 2004033723-A 73 22-APR-2004;
IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
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Sequence 621 from Patent
CQ828903
CQ828903.1 GI:49732386
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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621 from Patent WO2004053120.
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/mol_type="unassigned DNA"
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/note="V$NF1 Q6"
  GI:13025387
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Pred. No. 1.1e+03
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SOURCE
                                                                                                      AUTHORS Kenichi, H., Hiroshi, Y. and Masahide, N.
TITLE Method for labeling oligonucleotide and utilization there
JOURNAL CHEMO SERO THERAPEUT RES INST

OS Unidentified JP 1999075880-A/3
PD 23-MAR-1999
PF 10-JUL-1998 JP 1998195719
PR
PI KENICHI HANAKI, HIROSHI YOSHIKURA, MASAHIDE NOZAKI PC
C12N15/09, C12Q1/68, G01N33/58, C12N15/00
CC Strandedness: Single;
FH Key
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TITLE Method for labeling oligonucleotide and utilization there
JOURNAL CHEMO SERO THERAPEUT RES INST

OS Unidentified DN 1999075880-A/2
PD 23-MAR-1999
PF 10-JUL-1998 JP 1998195719
PR PI KENICHI HANAKI, HIROSHI YOSHIKURA, MASAHIDE NOZAKI PC
C12N15/09,C12Q1/68,G01N33/58,C12N15/00
CC Strandedness: Single;
FH Key
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/organism='Unidentified'.
Location/Qualifiers
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                                                                              Sequence 16 from patent US 179509
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Bennett, C. Frank. and Mirabelli, C.K.
Oligonucleotide modulation of cell adhesion
Patent: US 5591623-A 4 07-JAN-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 18)
Bennett, C. Frank. and Mirabelli, C.K.
Bennett, C. Frank. and Mirabelli, C.K.
Oligonucleottide modulation of cell adhesion
Patent: US 5514788-A 4 07-MAY-1996;
Kato, K
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AR222464
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Lin,C.-I.P., Wallace,R.B., Cossman,J. and French,C. Method and formulation for lyophilizing cultured human preserve RNA and DNA contained in cells for use in mole biology experiments patent: US 6410321-A 9 25-JUN-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Molecular indexing for expressed gene analysis Patent: US 5707807-A 16 13-JAN-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unknown
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AR215435
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Kurz,M., Lohse,P. and Wagner,R.
Reputide acceptor ligation methods
Patent: US 6429300-A 24 06-AUG-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown.
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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88.9%;
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AR370529/c
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Bennett, C.F. and Mirabelli, C.K.
Oligonucleotide inhibition of cell adhesion
Patent: US 6300491-A 4 09-OCT-2001;
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                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 18)
Manoharan,M., Cook,P.D., Praka
Aminooxy-modified nucleosidic
prepared therefrom
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AR473365
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         1 (bases 1 to 18)
Lin,C.-I.P., Wallace,R.B., Cossman,J. and French,C.
Method and formulation for lyophilizing cultured human cells to
preserve RNA and DNA contained in cells for use in molecular
                                                                                                                                                                                                                                                                                                                      Patent: US 6639062-A 14 28-OCT-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                  Unknown
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Similarity 88.9%;
biology experiments
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/mol_type="genomic DNA"
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Thirstrup, K., Warthoe, P. and Pettersson, N.B.
Process for amplifying and labeling single
ligated adaptor mediated amplification
Patent: US 6706476-A 7 16-MAR-2004;
Location/Qualifiers
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Sequence 7 from
AR487020
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Thirstrup, K., Warthoe, P. and Pettersson, N.B.
Process for amplifying and labeling single s
ligated adaptor mediated amplification
Patent: US 6706476-A 6 16-MAR-2004;
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Sequence 6 from
AR487019
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Unclassified.
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Location/Qualifiers
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/mol_type="genomic DNA"
                                                                                   /organism="unknown"
/mol_type="genomic DNA"
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Sequence 8 from Patent WO9910527,
AXO04879
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                                                                                                                                                                                                                                                                                                                Bayer, E. and Schewitz, J.

Method for isolating anionic organic substances
systems using cationic polymer nanoparticles
Patent: WO 9910527-A 8 04-MAR-1999;
SUEDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (D
                                                                                                                                                                                                                                                                                                                                                                                                                               synthetic construct
synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Bayer, E. and Schewitz, J.
Method for isolating anionic organic substances from aqueous
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              synthetic construct artificial sequences.
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Sequence 4 from Patent WO9910527
AX004875
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                                                                                                                                                                                                                                                                                                                                                                                                                  artificial sequences.
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                                                                                                                                                                                                                                   /note="2' methyl-modified oligonucleotide"
1. .18
                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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/mal_type="unassigned DNA"
/mal_type="unassigned DNA"
/db xrefs"ttaxon:32630"
/note="3' palmityl oligonucleot
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                        18 bp
from Patent WO9967378.
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Pred. No. 1.1e+03;
0; Mismatches 2
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Pred. No. 1.1e+03;
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KEYWORDS

AX008117.1

GI:9995742

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AX008118
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AX008122
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                  and its analogues
Patent: WO 9967378-A 3 29-DEC-1999;
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL
(CA); UNIV MCGILL (CA); ARION DOMINIQUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      and its analogues
Patent: WO 9967378-A 2 29-DEC-1999;
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER
(CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NORONHA ANNE M (CA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       artificial sequences.
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synthetic construct
artificial sequences.
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synthetic construct
synthetic construct
artificial sequences
                                                                 18 bp
Sequence 7 from Patent WO9967378.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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                                                       GI:9995747
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Pred. No. 1.1e+03;
0; Mismatches 2;
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Pred. No. 1.1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                 -arabinofuranose
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RESULT 1097
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KEYWORDS
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AX008123/c
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Patent: WO 9967378-A 7 29-DEC-1999;
PATENT: WO 9967378-A 7 29-DEC-1999;
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS
DAMHA MASSAD JOSE (CA); PARION DOMINIQUE (CA); NORONHA
(CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA);
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DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER (CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NORONHA ANNE M (CA);
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Sequence 8 from Patent WO9967378.
AX008123
AX008123.1 GI:9995748
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 Brugliera, F., Holton, T.A. and Michael, M.Z. Genetic sequences encoding flavonoid pathway
                                                                                                                    Sequence 27 from Patent
AX028843
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Antisense oligonucleotide constructs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           artificial
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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88.9%;
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
0; Mismatches 2
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      enzymes and uses
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Sequence 120 from Patent
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Oligonucleotides having a conserved g4 core Patent: EP 1016715-A 120 05-JUL-2000; ISIS PHARMACEUTICALS INC (US)
                                                     nucleotides and dna polymerases used
Patent: WO 0068422-A 21 16-NOV-2000;
Roche Diagnostics GmbH (DE)
                                                                                                Muehlegger, K., Angerer, B., Seela, F., Ankenbaue
Gumbiowski, K. and Zulauf, M.
High density labeling of dna with modified or
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Han
Wyatt,J.R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       unidentified unidentified
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/organism="synthetic construct"
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Hanecak,R.C.
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                         l Similarity
16; Conserv
                                                                                                                                                           Krieg, A.M., Schetter C. and Vollmer, J.C. Immunostimulatory nucleic acids Patent: WO 0122972-A 913 05-APR-2001; UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
                                                                                                                                                                                                                                          synthetic construct
synthetic construct
                                                                                                                                                                                                                                                                                               Sequence 913 from Patent AX104721
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High density labeling of dna with modified or chromophore carrying
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/mb xref="taxon:32630"
/noTe="second fragment of SEQ ID
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/db_xref="taxon:32630"
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Pred. No. 1.1e+03;
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Sequence 939 from Patent
AX104747
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 939 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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Sequence 10 from Patent WO0123419
AX108642
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Pred. No. 1.1e+03;
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AX116035
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Sequence 1158 from Patent
AX116035
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1158 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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artificial sequences.
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                                         Picoult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods (Patent: WO 0129262-A 1257 26-APR-2001; Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Similarity 88.9%;
16; Conservative (
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/db xref="taxon:32630"
/note="synthetic"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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  /organism="synthetic construct"
/mol_type="unassigned DNA"
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AX118175
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Genotyping reagents, kits and methods of use thereof
Patent: WO 012926-A 3298 26-APR-2001;
Orchid Biosciences, Inc. (US)
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                                                                                                                                                 Genotyping reagents, kits and methods of use
Patent: WO 0129262-A 3358 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 3358 from Patent
AX118235
AX118235.1 GI:14035186
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                      GCTGGGATTACAGGCGTG 411
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ilarity 88.9%;
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/note="Primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
|mol type="unassigned DNA"
|db xref="taxon:32630"
|nole="primer"
                                                                                                      /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                            /note="Primer"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03
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AX355809
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Sequence 84 from Patent W00174901.
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synthetic construct
artificial sequences.
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larity 88.9%;
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/db xref="taxon:3530"
/note="Synthetic oligonucleotide-phosphorothioate
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/db_xref="taxon:32630"
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            GI:21444640
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Homo sapiens (human)

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AX460193
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AX547774
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AX460193
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                  16;
                                                                                                                                                                                                                                                                                                                                                                                             Tazi-Ahnini,R., Bavik,C., Ward,S., Du
Diagnosis and treatment of disease
Patent: WO 0244736-A 46 06-JUN-2002;
Molecular Skincare Limited (GB)
Location/Qualifiers
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synthetic construct
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       Inhibition of angiogenesis by nucleic acids patent: WO 02053141-A 913 11-JUL-2002; Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
                                                                                            synthetic construct
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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Inhibition of angiogenesis by nucleic acids Patent: WO 02053141-A 939 11-JUL-2002; Coley Pharmaceutical Group, Inc. (US)
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/mol_type="unassigned DNA"
/db_xxef="taxon:32630"
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Patent: WO 02077272-A 614 03-OCT-2002;
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                                                                                                /organism="synthetic construct"
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/db xref="taxon:32630"
/noTe="Detection oligonucleotide
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1055 ACCACACCCCGCTAATTT 1072
                                                                                                         873 ACAGGCGTGAGCCACCAC 890
                                                                                                                                                                                                                                                                                                 Gene matn3 or matrilin-3 linked to osteoarthritis treatment Patent: WO 03062469-A 123 31-JUL-2003; Decode Genetics EHF. (IS)
                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 123 from Patent AX811434 AX811434.1 GI:38635656
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synthetic construct
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                                                                                                                                                                                                                                                                                                                                                  Stefansson, S.E.
                                                                                                                                                                                                                                                                                                                                                                               artificial sequences.
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                                                                                                                                                                                                                   /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
/note="Detection oligonucleotide
                                                                                                                                                                                                     /note="primer that hybridizes to
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Pred. No. 1.1e+03;
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Sequence 9
AX814724
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Oligonucleotides comprising alternating segments and Patent: WO 03064441-A 9 07-AUG-2003; McGILL UNIVERSITY (CA)
                                                                               synthetic construct
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/mol_type="unassigned DNA"
/db_xref="taxon;32630"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Patent: WO 03064441-A 10 07-AUG-2003;
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Sequence 10 from Patent
AX814725
AX814725.1 GI:39103924
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AX814736
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                                                                          Damha,M.J. and Parniak,M.A.
Oligonuclectides comprising alternating segments and uses thereof Patent: WO 03064441-A 21 07-AUG-2003;
McGILL UNIVERSITY (CA)
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Similarity 88.9%;
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2'-O-methyl-D-uridine"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 18)
Shimada,K.
Method of comparison and detection of RNA amount and DNA amount
L Patent: JP 2001333800-A 2 04-DEC-2001;
UNITECH CO LTD
OS Homo sapiens (human)
DN JP 2001333800-A/2
PD 04-DEC-2001
PF 30-MAY-2000 JP 2000160324
PI KAORI SHIMADA
PC C12Q1/68,C12N15/09,G01N33/50,C12N15/00
CC Method of comparison and detection of RNA amount and DNA CC
                                                                                                                                                                                                                                                                                                                           428
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Method of
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                                                                        A method of arraying genome clone
Patent: JP 2001321190-A 11 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
                                                                                                                           synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 18)
                                                                                                                                                                               BD087767.1 GI:22633377 JP 2001321190-A/11.
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Homo sapiens
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          Artificial Sequence
JP 2001321190-A/11
20-NOV-2001
12-MAR-2001 JP 2001068285
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism='Homo
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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BD089245
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artificial sequences.
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PN JP 20
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repeat DNA marker.
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BD130202.1 GI:23225147
JP 2002502606-A/146.
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Patent: JP 2001321190-A 1489 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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JP 2001321190-A/1489.
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C12N15/00,
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12-MAR-2001 JP 2001068285
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JP 2001321190-A/1489
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                                                                                                                                                                                                                                                                     /organism='Artificial Sequence'
Location/Qualifiers
1 10
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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specifying
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AB068392
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OS Unidenti
PN JP 20025
PD JP 20025
PD 29-JAN 2
PF 04-FEB-1
PR 04-FEB-1
PR 04-FEB-1
PR 04-FEB-1
CC Stranded
CC Topology
CC Topology
CC Material
CC Material
CC DNA mark
FH Key
FT Source
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Schumm,J.W. and Bacher,J.W.
Material and method for specifying and analyzing
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Patent: JP 2002502606-A 146 29-JAN-2002;
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                                                                                                         Submitted (04-AUG-2001) Akira Horii, Tohoku University School Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Senda Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)

Location/Qualifiers
                                                                                                                                                                                                                                                                                                    A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001) 21269192
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AB068392
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04-FEB-1999 JP 2000530608

04-FEB-1998 US 09/018584

JAMES W SCHUMM, JEFFREY W BACHER

C12N15/09, C12Q1/68, C12N15/00

Strandedness: Single;
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Material and method for
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
  88.9%;
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939 GTTACCCAGGCTGGAGTG
A22673
Oligonucleotide
A22673
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Location/Qualifiers
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Genomics 74 (1), 55-70 (2001)
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Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., F
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                                                                                                                                                                                                                                                 /note="forward primer
sts-R383H16R obtained
BAC library RPCI-11"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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NAL Patent: JP 2001352985-A 4 25-DEC-2001;
Patent: JP 2001352985-A 4 25-DEC-2001;
CTSUKA PHARMACEUTICAL CO LTD
OS Unidentified
PN JP 201352985-A/4
PN JP 201352985-A/4
PN JP 201352985-A/4
PN JP 201352985-A/4
PT JOJI INASAWA, YASUNARI IMOTO
PC C12N15/09, A61K39/395, A61K39/395, A61K48/00, A61P35/00, C07K14/82,
PC C07K16/32,
PC C07K16/32,
PC C12N1/19, C12N1/21, C12N5/10, C12Q1/68//C12P21/02, C12P21/ PC
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FH Key Location/Qualifiers
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Patent: US 5525467-A 11 11-JUN-1996;
Location/Qualifiers
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nilarity 51.5%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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OTSUKA PHARMACEUTICAL CO LTD, JOJI INAZAWA, ISSEI IMOTO

S Artificial Sequence
PN WO 0196566-A/4
PD 20-DEC-2001
PP 12-JUN-2001 WO 2001JP004959
PR 12-JUN-2000 JP 00P 174946
PI JOJI INAZAWA, ISSEI IMOTO
PC C12N15/12, C12N1/15, C12N1/19, C12N1/21, C12N5/00, C12Q1, C07K14/82, C07K16/32,
PC G01N33/574
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17; Conserv
                                                          Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa;
                                                                                                                                                          Sequence 3133 from Patent AX159805
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1 (bases 1 to 35)
Inazawa, J. and Imoto, I.
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                                           Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates;
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WO 0196566-A/4.
       Shimkets, R.A. and Leach, M.
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/organism='Unidentified'.
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 1.5e+03;
6; Mismatches 10
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Pred. No. 1.5e+03;
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Sequence 3134 from Patent
AX159806
AX159806.1 GI:14541137
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Nucleic acids containing single nucleotide polymorphisms and
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3134 07-JUN-2001;
                                                                                           Homo sapiens (human)
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Mammalia; Eutheria;
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llarity 69.0%;
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WO 0151670-A 288 19-JUL-2001;
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Accession number cg42924993"
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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                                                                  Chordata;
Primates;
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Pred. No. 1.3e+03;
0; Mismatches 9;
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Pred. No. 1.3e+03;
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AR061248
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1 (fireys, A.J. and Armour, J.
1 (bases 1 to 16)
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Sequence 113 from Patent WO9517522.
A45443
A45443.1 GI:2299915
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  l Similarity
15; Conserv
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Jeffreys, A. John. and Armour, J.
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Location/Qualifiers
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Patent: US 5843647-A 113 01-DEC-1998;
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Accession number cg42924993"
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/db_xref="taxon:9606"
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                                                                                         /organism="unknown"
/mol_type="unassigned
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Score 14.4; DB 1;
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Pred. No. 1.3e+03;
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Pred. No. 1e+03;
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AR436003
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CQ828937
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Sequence 26:
AR436003
AR436003.1
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Eckstein, F.; Ludwig, J. and Beigelman, L.
Rockstein, F.; Ludwig, J. and Beigelman, L.
Nucleic acid catalysts with endonuclease activity
Patent: US 6656731-A 260 02-DEC-2003;
Location/Qualifiers
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Sequence 260 from patent
AR436001
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Unknown
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                              262 from patent
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned RNA"
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AR436012
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l Similarity 93.8%;
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AR436012
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                                                                                                             Thomann,H.U. and Fitzgerald,M.S.
Rapid determination of gene structure using Patent: WO 0153529-A 55 26-JUL-2001;
Genome Therapeutics Corporation (US)
Location/Qualifiers
                                                                                                                                                                                           synthetic construct
synthetic construct
artificial sequences.
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Eckstein,F., Ludwig,J. and Beigelman,L.
Nucleic acid catalysts with endonuclease
Patent: US 6656731-A 271 02-DEC-2003;
Location/Qualifiers
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Eckstein,F., Ludwig,J. and Beigelman,L.
Nucleic acid catalysts with endomuclease
Patent: US 6656731-A 262 02-DEC-2003;
Location/Qualifiers
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                                                             /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                    /note="Primer"
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/mol_type="unassigned RNA"
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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
Patent: WO 03027338-A 5 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
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Sequence 5 from Patent WO03027328.
AX741031
AX741031.1 GI:30523892
                                                         l Similarity
15; Conserv
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Boston Probes, Inc. (US) ; DakoCytomation
Location/Qualifiers
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/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
                                                                                                              /organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
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Pred. No. 1e+03;
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AR047018/c
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AR047018
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Other publication AU 3118095 960304
Other publication FR 2723378 960209.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DNA SEQUENCES CODING FOR THE HUMAN PROTEINS THE INTERLEUKIN-1BETA CONVERTING ENZYME PATENT: WO 9604387-A 16 15-FEB-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Diu, A., Faucheu, C., Hercend, T., Lalanne, J.,
                                                                                                                                                                                         L Similarity
15; Conserv
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'.linked adenylate residues
Patent: US 5817796-A 1811 06-OCT-1998;
                                                                                                                                                                                                                                                                                                                                                     Unknown
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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93.8%;
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Best Local Similarity 93.8%;
Matches 15; Conservative
                                                                                                                                                                Query Match
Best Local Similarity
Matches 15; Conserv
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                           participating in vasculogenic
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Method and reagent for treating diseases
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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                                                                                                                                                                                                                                                                                                     /organism='Homo
Location/Qualifiers
1. .17
                                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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17 bp RNA linear PAT 17-JUL-200 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eut Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Ho 1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcsw Method and reagent for treating diseases or conditions molecule participating in vasculogenic response Patent: JP 2002509721-A 5950 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
C12N5/00
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JP 2002509721-A/5950.
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Homo sapiens (human)
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Mammalia; Eutheria; Primates;
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27-MAR-1998 US 60/079678
PAMELA A PAVCO ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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JP 2002509721-A/5918
24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                    Homo sapiens (human)
JP 2002509721-A/5950
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
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PC A61P35
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Method and reagent for treating diseases or conditions concerning
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Location/Qualifiers
                                                                                                            /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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17 bp RNA linear PAT 17-JUL-200
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
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1 (bases 1 to 17)
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6044 02-APR-2002;
                                                                                                                                                                                BD203018.1 GI:33012788
JP 2002509721-A/6044.
                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
1 (bases 1 to 17)
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                                                                                                                                                         Homo sapiens (human)
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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Key Location/Qualifiers
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JP 2002509721-A/5979
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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RESULT 1156
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Local Similarity 93.8%;
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OS Homo sapiens (human)
PN JP 2002509721-A/6044
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHC PI JAMES A MCSWIGGEN
PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, A61P29/00,
PC A61P35/00, A61P43/00, C12N5/10.C12N9/00//A61K75/76 C12N15/00
                                                                                                                                                                                                                           Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6059 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6059
PD 02-APR-2002
PP 02-APR-2002
PP 24-MAR-1999 JP 2000541291
PR 27-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT
DAMES A MCSWIGGEN
                                                                                                                                              A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,C12N5/00
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                                                                                             Method and reagent for treating diseases
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                                                                                              participating in vasculogenic response
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
/organism="Homo sapiens'
                              Location/Qualifiers
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Pred. No. 1.1e+(
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                                              organism='Homo sapiens
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                                     Method and reagent for treating diseases or molecule participating in vasculogenic respo
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1 (Dases 1 to 17)

Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response molecule participating in vasculogenic response patent; JP 2002509721-A 6061 02-APR-2002;
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BD203160.1 GI:33012930
JP 2002509721-A/6186.
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                      Conservative
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
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BD203165/c
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
patent: JP 2002509721-A 6186 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sagiens (human)
PN JP 2002509721-A/6186
PD 02-APR-2002
PF 24-MAR-1999 JP 200541291
PF 24-MAR-1999 JP 200541291
PF 24-MAR-1999 JP 200541291
PF 24-MAR-1999 JP 200541291
PF 24-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELICABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
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PC AU-
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                                                                                                                  Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
patent: JP 2002509721-A 6191 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6191
PD 02-APR-2002
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT
PI JAMES A MCSWIGGEN
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PC A61P3
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BD203165.1 GI:33012935
JP 2002509721-A/6191.
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                                                                               C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
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                                                           A61P29/00
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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                                         A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
  Method and reagent for treating
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e
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Method and reagent for treating disease
molecule participating in vasculogenic
BD203175
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1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 200259721-A 6201 02-APR-2002; RIBOZYME PHARMACEUTICALS, INC
                                                                                                                                                                                                                                                                                                                                                        C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC A61P29/00, A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC C12N5/00
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JP 2002509721-A/6201.
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                                                                                                                           Similarity
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27-MAR-1998 US 60/079678
PAMELA A PAVCO_ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens (human)
JP 2002509721-A/6201
                                                                                                                                                                                                                                                                                          participating in vasculogenic response
Key Location/Qualifiers
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                                                                                                            Conservative
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                                                       /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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93.8%; Pred. No. 1.1e+03:
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BD258346
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.

Regulation of repressor genes using nucleic acid mol Patent: JP 2002541795-A 6139 10-DEC-2002;

RIBOZYME PHARMACEUTICALS INC

CE Eukaryote
PN JP 2002541795-A/6139
PD 10-DEC-2002
PP 10-DEC-2002
PP 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
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PN JP 2002541795-A/5499
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
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PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
PI LAWRENCE BLATT, MICHAEL PAVCO, PAMELA 
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CC Regulation of repressor genes using nucleic acid molecules Key Source Location/Qualifiers FT source 1.17
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic ε
Patent: JP 2002541795-A 5499 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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BD257706
BD257706.1 GI:33067476
JP 2002541795-A/5499.
C12R1:91),
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00
PC A61K37/02,
                                                                               PC
C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC
                                                                                                                                                               C12P21/02
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                                                                                                                                                                                         11-APR-2000 JP 2000611654
12-APR-1999 US 60/129390
LAWRENCE BLATT,MICHABL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN
15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 1.1e+03;
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BD258349
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Best Local Similarity
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PD 10-DEC-2002

PD 11-APR-2000 JP 2000611654

PF 11-APR-2000 JP 2000611654

PR 12-APR-1999 US 60/129390

PR 12-APR-1999 US 60/129390

PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.

Regulation of repressor genes using nucleic a

Patent: JP 2002541795-A 6142 10-DEC-2002;

RIBOZYME PHARMACEUTICALS INC
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Regulation of repressor genes using nucleic acid molecules
Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 1.1e+03
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AX672347
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Stinchcomb, D.T., Draper, K., McSwiggen, J.
C-myb targeted ribozymes
Patent: US 5646042-A 1811 08-JUL-1997;
Location/Qualifiers
1. .17
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Sequence 345 from Patent
AX671900
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
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                                                                                                                                                                         Sequence 792 from Patent AX672347
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                          Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their
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Patent:
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                              Homo sapiens (human)
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nilarity 93.8%;
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 WO 03004526-A 792 16-JAN-2003;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Location/Qualifiers
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Sequences involved in phenomena of tumour
reversion, apoptosis and/or resistance to
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                                                                                                                  Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
                                                                                                                                                                               Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                        Patent: WO 03004526-A 1782 16-JAN-2003;
Molecular Engines Laboratories (FR)
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nilarity 93.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Sequence 2363 from Patent
AX673918
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Sequence 2135 from Patent
AX673690
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour suppression, apoptosis and/or resistance to viruses and their use
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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               ATCTTGGCTCACTGCA 682
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Best Local Similarity 93.8%;
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Sequence 2782 from Patent
AX674337
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Sequence 5422 from Patent EP1281758.
AX692690
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins : mdz3,
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc.finger-containing proteins : mdz3, mdz4, mdz7 and
                                                                       Homo sapiens
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                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                   Homo sapiens (human)
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llarity 93.8%;
Conservative
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX727767/c
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Aeomica, Inc. (US)
Location/Qualifie
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Sequence 5454 from Patent W003025176.
AX727767.1 GI:30507110
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Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                           Patent: WO 03025176-A 5454 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
 /organism="Mus musculus"
/mol_type="unassigned DNA"
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumor reversion, apoptosis and/or virus resistance and their use
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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AX728600
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AX728569
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                                                                                                                                                         Patent: WO 03025175-A 234 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                      Telerman,A., Amson,R. and Tuijnder,M.
Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression,
Sequences involved in phenomena of tumour suppression,
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Location/Qualifiers
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Patent: WO 03025175-A 203 27-MAR-2003;
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Sequence 203 from Patent WO03025175
AX728569
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                            /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                              1.5%;
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                                              Score 14.4; DB 1;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression,
Sequences involved in phenomena of tumour suppression,
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 93.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Sequence 1974 from Patent
AX730340
AX730340.1 GI:30509683
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             Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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/mol_type="unassigned DNA"
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Sequence 1981 from Patent W003025175.
AX730347
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Sequence 2384 from Patent
AX730750
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or virus resistance and their
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Location/Qualifiers
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                                Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX730804/c
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                  Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour supreversion, apoptosis and/or virus resistance
                                                                                                                                                                                                             Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                         Patent: WO 03025175-A 2857 27-MAR-2003;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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                             organism="Homo sapiens"
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_type="unassigned DNA"
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Pred. No. 1.1e+03;
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resistance and their use as
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AX731354/c
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TITLE
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Best Local Similarity
Matches 15; Conserv
                                      Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                             Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour supreversion, apoptosis and/or virus resistance
                                                                                                                                                                                                                                                                                                                                                                  Sequence 3002 from Patent AX731368
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Sequences involved in phenomena of tumour suppression, tumour syptements, tumour syptements, apoptosis and/or virus resistance and their use
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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GTGCAGTGGTGTGATC 495
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                                                                                              /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX732183
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AX732799
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DEFINITION
ACCESSION
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Matches 15; Conserv
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AX732799
Sequence
AX732799
                                                                                                                                                                                                                                                                                                                                                      Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use'as
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 3817 from Patent
AX732183
AX732183.1 GI:30511526
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Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 93.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
0; Mismatches 1;
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Pred. No. 1.1e+03;
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                17 bp DNA
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Molecular Engines Laboratories (FR)
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Sequence 4982 from Patent
AX733348
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                             Homo sapiens (human)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX733418/c
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Sequences involved in phenomena of tumour suppression,
Sequences involved in phenomena of tumour suppression,
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Molecular Engines Laboratories (FR)
Location/Qualifiers
             Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments Patent: WO 0302517-A 16 27-MAR-2003, Molecular Engines Laboratories (FR)
                                                                                                                                                                                Sequence 16 from Patent W003025177. AX734426 AX734426.1 GI:30513703
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                   Telerman, A., Amson, R. and Tuijnder, M.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX734596/c
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Location/Qualifiers
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Patent: WO 03025177-A 857 27-MAR-2003;
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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1.5%;
93.8%;
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
Score 14.4; DB 1;
Pred. No. 1.1e+03;
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WO03025177
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AX736648
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AX736476
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Sequences involved in phenomena of tumour suppression, tum
reversion, apoptosis and/or resistance to viruses and the
thereof as medicaments
Patent: WO 0302517-A 2066 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2066 from Patent
AX736476
                                                                                                    ch 1.5%; 1 Similarity 93.8%; 15; Conservative
                                                                                                                                                                                                                           Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour
reversion, apoptosis and/or resistance to
thereof as medicaments
Patent: WO 03025177-A 2238 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
0; Mismatches 1;
                                                                                                                     Score 14.4; DB 1; Length 17; Pred. No. 1.1e+03;
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AX737200/c
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AX736898
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AX738476/c
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Patent: WO 03025177-A 2488 27-MAR-2003;
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 2790 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequence 2790 from Patent WO03025177.
AX737200
AX737200.1 GI:30516488
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Location/Qualifiers
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                          AX738476
Sequence 4066 from Patent
AX738476
AX738476.1 GI:30517764
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX739003/c
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AX738569
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Patent: WO 03025177-A 4066 27-MAR-2003;
Molecular Engines Laboratories (FR)
                                                                                                                          Sequence 4593 from Patent AX739003
                                                                                                                                                                                                                                                                                                                                                                                                                                                Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression,
Sequences involved and/or resistance to viruses and to
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Homo sapiens
              Telerman, A.,
                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                      Homo sapiens
                                                                                 Homo sapiens (human)
                                                                                                              AX739003.1 GI:30518293
                                                                                                                                                       AX739003
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Location/Qualifiers
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Patent: WO 03025177-A 4159 27-MAR-2003;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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              and Tuijnder, M.
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Patent: WO 03025177-A 4593 27-WAR-2003;
Molecular Engines Laboratories (FR)
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Location/Qualifiers
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nilarity 93.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to thereof as medicaments Patent: WO 03025177-A 5225 27-MAR-2003; Molecular Engines Laboratories (FR)
                                                                                                                                                                                        Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    reversion, apoptosis and/or resistance to thereof as medicaments Patent: WO 03025177-A 4650 27-MAR-2003;
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Sequences involved in phenomena of tumour suppression, tumour
Sequences involved in phenomena of tumour suppression, tumour
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viruses and the
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AX739650/c
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Query Match
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 5236 27-MAR-2003;
Molecular Engines Laboratories (FR)
                                                                                                                   reversion, apoptosis and/or resistance thereof as medicaments Patent: WO 03025177-A 5240 27-MAR-2003; Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 5236 from Patent WO03025177.
AX739646
AX739646.1 GI:30518943
 l Similarity
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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ilarity 93.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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93.8%; Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX739701
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Patent: WO 03025177-A 5291 27-MAR 2003;
                                                                                                                                                                                                                  Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F. Methods, kits and compositions pertaining to the sujute detectable probe binding to randomly distributed rejin genomic nucleic acid Patent: WO 03027328-A 3 03-APR-2003; Boston Probes, Inc. (US); DakoCytomation Denmark A
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 3 from Patent WO03027328.
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                                                                                                               /mol_type="genomic DNA"
/db xref="taxon:32630"
/note="Deacription of Combined DNA/RNA Molecule:
Oligomer sequence-Synthetic Probe Sequence"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="unassigned DN
/db_xref="taxon:9606"
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Sequence 595 from Patent
AX757274
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Sequence 535 from Patent W003040369,
AX757214
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Homo sapiens (human)
                            AX757274.1
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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ar Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN/db_xref="taxon:9606"
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, apoptosis and/or viral resistance phenomena
                                                                                                                                       Sequence 2935 from Patent AX759614 AX759614.1 GI:32254230
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in tumoral suppression, apoptosis and/or viral resistance phenomena
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX759927
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                             Molecular Engines Laboratories (FR)
Location/Qualifiers
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llarity 93.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
0; Mismatches 1;
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Pred. No. 1.1e+03;
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AX759930/c
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Best Local Similarity 93.8%;
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Sequence 3251 from Patent WO03040369.
AX759930
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNI/
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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 AX761166
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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in tumoral suppression, tumoral reversion,
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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AX762741
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            Homo sapiens (human)
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15; Conserv
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in tumoral suppression, tumoral reversion,
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                          AX762741.1 GI:32257357
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX762952
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Sequences involved in tumoral suppression, appoptosis and/or viral resistance phenomena
                                                                                                                                                             18 bp DNA linear Pimethod for assaying a capability of a patient against metabolization of specific drugs.
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Molecular
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Molecular Engines Laboratories (FR)
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Sequences involved in tumoral suppression, tumoral reversion apoptosis and/or viral resistance phenomena and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for assaying a capability of a patient against metabolization of specific drugs Patent: JP 2002523111-A 17 30-JUL-2002;
                                        Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
1 (bases 1 to 18)
Hauzenberger,D.
                                                                                                         Homo sapiens
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JP 2002523111-A/17.
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Method for assaying a capability of a pati
metabolization of specific drugs
Patent: JP 2002523111-A 36 30-JUL-2002;
SANGTEC MOLECULAR DIAGNOSTICS AB
OS HOMO sapiens (human)
PN JP 2002523111-A/36
PD J0-JUL-2002
PP 25-AUG-1998 JE 9802897-0
PR 28-AUG-1998 JE 9802897-0
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OS Homo sapiens (human)
PN JP 2002523111-A/17
PD 30-JUL-2002
PP 30-JUL-2002
PF 25-AUG-1999 JP 2000567740
PF 28-AUG-1998 SE 9802897-0
PI DAN HAUZENBERGER
PC C1201/68, C12N15/09, C12N15/09, C12N15/00
CC Method for assaying a capabil.
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18 bp Method for assaying a capability metabolization of specific drugs.
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PAT 17-JUL-2003

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RESULT 1230
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AX004441/c
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          Sequence 23 .
AX004441 .1 (
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Patent: WO 2004005547-A 192 15-JAN-2004;
IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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db_xref="taxon:32630"
              GI:9927900
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Pred. No. 1.1e+03;
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AX069110
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                   Berlin, K., Braun, A., Distler, J., Guetig, D., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, C. Lewin, A., Lipscher, E., Maier, S., Model, F., Melet, C. and Ziebarth, H.
                                                                                                                                                                                                             AX599457
Sequence 797 from Patent
AX599457
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tournier-Lasserve,E., Laberge-Le,S. and Labauge,P.
Use of the krit1 gene in angiogenesis
Patent: WO 0102604-A 28 11-JAN-2001;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE M
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Sequence 28 from Patent WO0102604.
AX069110
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ANCTIL JEAN LOUIS (CA); COTE GILLES (CA)
Location/Qualifiers
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Methods and nucleic acids for the analysis of hematopoietic cell
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nilarity 93.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                   , Howe, A., Mueller, J., G., Lesche, R., Leu, E., Mueller, V., Otto, T.,
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CQ760650
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Patent: WO 02077277-
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Sequence 92 from Patent
CQ760650
CQ760650.1 GI:44904153
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22; Conserv
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Patent: WO 0142511-A 1500 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Biotherapeutics Corporation (CA)
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                                                          Nex,B.R., Vogel,U., Rockenbauer,E. and Bukowy,Z.K. Disease risk estimating method using sequence polys specific region of chromosome 19 Patent: WO 2004003229-A 92 08-JAN-2004; Aarhus University (DK); Arbejdsmilj Instituttet (Institute of Occupational Health) (DK) Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 93.8%;
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/mal_type="unassigned DNA"
/mal_type="unassigned DNA"
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/noTe="Detection oligonucleotide for MPL"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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Pred. No. 1.5e+03;
0; Mismatches 14;
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Pred. No. 1.1e+03;
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Sequence 373 from Patent WO02052044.
AX514175
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutele
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                         n 1.4%; Score 14.2; DB 1; Similarity 65.5%; Pred. No. 1.5e+03; Pred. No. 1.5e+03; Pred. No. 1.5e+03; Pred. No. 1.5e+03; Pred. No. 1.5e+05; Pred. N
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  AGGAGTTCRAGACCAGCCTGGCCAACATG 41
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llarity 65.5%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.5e+03;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 14)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6608 02-APR-2002;
RIBOZYME PHARRACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6608

PD 02-APR-2002
PP 24-MAR-1998 US 60/079678
PI PANELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
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PC A61-0
RIBOZYME PHARMACEUTICALS INC
OS HOmo sapiens (human)
PN JP 2002509721-A/6614
PD 02-APR-2002
PF 24-MAR-1999 JP 200054125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14;
                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 14)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response molecule participating in vasculogenic response Patent: JP 2002509721-A 6614 02-APR-2002;
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Homo sapiens
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    24-MAR-1999 JP 2000541291
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Query Match
Best Local Similarity
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Best Local Similarity 100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RIBOZYME PHARMACBUTICALS INC
OS Homo sapiens (human)
PN JF 2002509721-A/6618
PD 02-APR-2002
PF 24-MAR-1999 UP 2000541291
PF 27-MAR-1998 US 60/0796
PI PAMELA A PAVCO ELISABETH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14;
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PC A61P35
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Method au
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1 (bases 1 to 14)

1 (bases 1 to 14)

Parco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response

Patent: JP 2002509721-A 6618 02-APR-2002;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            C12N5/00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Method and reagent for treating diseases or conditions
                                                                                                                                                                                                                                                                                                                                        participating in vasculogenic response Key Location/Qualifiers
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PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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and reagent for treating diseases or cond
le participating in vasculogenic response.
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                                                                                                                                                                                                                                /organism='Homo sapiens
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                /organism="Homo sapiens'
/mol_type="genomic RNA"
/db_xref="taxon:9606"
      1.4%;
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      Score 14;
Pred. No.
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      DB 1; Le 9.4e+02;
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                                         Length 14;
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PAT 08-JAN-2002

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RESULT 1242
BD203606/c
                                                                                                                               DEFINITION
ACCESSION
VERSION
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AUTHORS
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KEYWORDS
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AUTHORS
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ORGANISM
                                                                                                    KEYWORDS
SOURCE
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AR221858/c
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Best Local S
Matches 14
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TITLE
JOURNAL
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                                                                                      ORGANISM
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PC A61P35
C12N5/00
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JP 2002509721-A/6632.
Homo sapiens (human)
Homo sapiens
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                                                                                                                                                  Sequence 39
AR221858
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Unclassified.

1 (bases 1 to 14)

1 (bases 1 to 14)

Koster,H., Tang,K., Fu,D.-J., Siegert,C.W., Little Koster,H., Tang,K., Fu,D.-J., Siegert,C.W., Little Darnhofer-Demar,B., Jurinke,C. and Van den Boom,D. DNA diagnostics based on mass spectrometry Patent: US 6428955-A 39 06-AUG-2002;
                                                                                        Unknown
                                                                                                      Unknown
                                                                                                                                    AR221858.1
                                                                                                                                                                             AR221858
                                                                                                                                                                                                                                                                                                                                 Similarity
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       source
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                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism='Homo
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                    GI:23328973
                                                                                                                                                               from patent
                                                                                                                                                                                                                                                                                                                               100.0%;
                                                                                                                                                                                                                                                                                                                                                 1.4%;
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                                                                                                                                                                                                                                                                                                                 Score 14; DB 1; I
; Pred. No. 9.4e+02;
0; Mismatches 0;
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6428955.
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                                            Little, D.P.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   or conditions
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; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PAT 17-JUL-2003
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Location/Qualifiers
                                                                             PR 06-NOV-1996 US 06-NOV-1996 US 23-JAN-1997 US 19-SEP-1997 US
                                                                                                                                    artificial sequences.

1 (bases 1 to 14)

1 (bases 1 to 14)

Koster, H., Little, D.P., Braun, A., Lough, D.M., Xiang, G., Boom, D.V.D., Jurinke, C. and Rupert, A.

BOOM, D.V.D., Jurinke, C. and Rupert, A.

BOOM, diagnosis method based on mass spectrometry patent: JP 2002507883-A 39 12-MAR-2002;

SEQUENOM INC SEQUENOM INC SEQUENCE INC. 2002507883-A/39

PN JP 2002507883-A/39

PD 12-MAR-2002

PR 06-NOV-1997 JP 1998521832
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   PI DIRK VAN DEN BOOM, CHRISTIAN JURINKE, ANDREAS RUPERT C1201/68, C07H21/00, C07F9/24 CC Strandedness: Single;
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synthetic construct
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DNA diagnosis method based
BD132107
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                                                             KOSTER, DANIEL P LITTLE, ANDREAS
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="mRNA"
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N
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1 (bases 1 to 15)
Grimm, S., Stinchcomb, D.T., McSwiggen, J.,
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Grimm, S., Stinchcomb, D.T., McSwiggen, J.,
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                                                                                                                         Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 349 17-NOV-1998;
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CAGCCTCCTGAGTA 15
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                       /organism="unknown"
/mol_type="unassigned DNA"
                                                                                /organism="unknown"
/mol_type="unassigned DNA"
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AR113903
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1 (bases 1 to 15)
1 (rimm,S., Stinchcomb,D.T., McSwiggen,J.,
                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 15)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. Grimm, S., K.G.
Ribozyme treatment of diseases or conditions related intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967, A 349 17-OCT-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 424 from Patent CQ828706
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 Eukaryota; Metazoa;
Mammalia; Eutheria;
                          Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                  Unknown
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                                     Mus musculus (house mouse)
                                                               CQ828706.1
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                                                                                                                                                                                                                                                                       /organism="unknown"
/mol_type="unassigned DNA"
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                                                                GI:49732189
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100.0%; Pred. No.
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Sciurognathi; Muridae; Murinae; Mus
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AX633147
AX633147.1 GI:28468761
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             Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.
                                                                                                                                                                                                                                                                                                               N
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                                                                                                                             unidentified unidentified
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and reagent for inhibiting the expression of disease related
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/db_xref="taxon:32644"
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/db_xref="taxon:10090"
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100.0%; Pred. No. 1e+03;
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.00.0%; Pred. No. 1e+03;
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                                            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

El (bases 1 to 17)

Bayco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

RS Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response patent: JP 2002509721-A 6032 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)
PN JP 2002509721-A 6032

PD 2-APR-2009

PD 02-APR-2009

PD 02-APR-2009

PD 02-APR-2009

PR 27-MAR-1999 UP 200541291
PR 27-MAR-1999 US 60/079678

PR PANELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PR 27-MAR-1998 US 60/079678
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Patent: EP 1260586-A 312 27-NOV-2002;
PATENT: EP 1260586-A 312 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Spurr,N.K., Gray,I.C. and Stewart,L.M.
Diagnosis of susceptibility to cancer and treatment thereof
Patent: US 6387854-A 6 11-SEP-2001;
Location/Qualifiers
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C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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100.0%; Pred. No. 1e+03;
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PC A61P35
C12N5/00
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OS Homo sapiens (human)
PN JP 2002509721-A/6033
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC 12015/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
C12N5/00
                                                                                                                                                                                                                                                                                                                                                                                                 Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6033 02-APR-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                            Method and reagent for treating diseases concerning molecule
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/mol_type="genomic RNA"
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100.0%; Pred. No.
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treating diseases
in vasculogenic re
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1.1e+03;
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BD203045
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BD203046
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6072 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6072
                                                                                                                                                                                                                                                                                                                                                                                                                    BD203046 17 bp RNA linear PA7 Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
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1 (Dases 1 to 17)

Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6071 02-APR-2002;
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17 bp RNA linear PAT 17-UUL-20 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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Homo sapiens
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12 2002599721-A/6071
02-APR-2002
04-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.4%; Score 14; DB 1; L
llarity 100.0%; Pred. No. 1.1e+03;
Conservative 0; Mismatches 0;
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Key Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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BD203167/c
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Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

Patent: JP 2002509721-A 6193 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN 2002509721-A/6193

PD 20-APR-2002

PP 24-MAR-1998 US 60/079678

PP 24-MAR-1998 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,

PI JAMES A MCSWIGGEN

PI JAMES A MCSWIGGEN
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PC A61P35
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PF 24-MAR-1999 JP 2000541291

PR 27-MAR-1998 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN

PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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PC A61P35
C12N5/00
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1 (bases 1 to 17)
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27-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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                                                                                                                                       participating in vasculogenic response
Key Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                             /organism='Homo sapiens
Location/Qualifiers
/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                       organism="Homo sapiens"
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100.0%; Pred. No. 1.1e+03;
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                                                                                                    (human)'.
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RESULT 1259
BD203173/c
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ORGANISM
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BD257705
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VERSION
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Best Local S
Matches 14
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TITLE
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Best Local Similarity
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PC A61P39
C12N5/00
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6199 02-APR-2002;
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JP 2002509721-A/6199.
Homo sapiens (human)
1 (bases 1 to 17)
Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic acid molecules
                                                                   unidentified
                                                                                             Regulation of repressor genes
BD257705
BD257705,1 GI:33067475
JP 2002541795-A/5498.
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OS Homo sapiens (human)
PN JP 2002509721-A/6199
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Method and reagent for treating diseases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     24-MAR-1999 JF 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         participating in vasculogenic response
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                                                                                                                                                                                                                                                                                                                                                                                                                            /organism='Homo sapiens (human)'
                                                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Blatt, I., Zwick, M., Pavco, P. and Mcswiggen, J.

TITLE

Regulation of repressor genes using nucleic acid molecules

PARTOZYME PHARMACEUTICALS INC

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PN

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10-DEC-2002

PF

11-APR-2000

PR

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RIBOZYME PHARMACEUTICALS INC
OS EUKARYOTE
PN JP 2002541795-A/5498
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
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C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02,
                                                                                                                                                                                                         PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
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(C12N5/00,C12R1:91)
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                                                /organism='Eukaryote'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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al Similarity 100.0%;
14; Conservation
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                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6195 from patent AR328793
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Method and reagent for the treatment of diseases or conditional related to levels of vascular endothelial growth factor patent: US 6566127-A 6194 20-MAY-2003;
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Pavco, P., McSwiggen, J.A.,
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/mol_type="unassigned RNA"
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Sequence 5188 from Patent EP1281758
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5189 from Patent
AX692457
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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 Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins :
                                       Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                      AX692457.1 GI:29415410
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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100.0%; Pred. No. 1.1e+03;
ative 0; Mismatches 0;
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                                       Craniata; Vertebrata; Catarrhini; Hominidae;
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                                          Euteleostomi;
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162 ATTTTGTATTTTTT 175
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Aeomica, Inc. (US)
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Sequence 5190 from Patent EP1281758.
AX692458
AX692458
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                   Sequence 5265 from Patent AX692533
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Aeomica, Inc. (US)
                                                                                                                                 Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 5272 from Patent EP1281758
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Sequence 5297 from Patent EP1281758.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Query Match 1.4%; Score 14; DB 1; L Best Local Similarity 100.0%; Pred. No. 1.1e+03; Matches 14; Conservative 0; Mismatches 0;
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Best Local Similarity
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                   AX728127
Sequence 5814 from Patent
AX728127
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX726852
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or virus resistance and their
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Molecular Engines Laboratories (FR)
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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GI:30507470
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AX730212
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AX734686
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Matches 14
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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AX730212
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                               AX734686
Sequence 276 from Patent
AX734686
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour
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Similarity 100.0%; Pred. No. 1.1e+03;
14; Conservative 0; Mismatches 0;
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Location/Qualifiers
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                         Homo sapiens
                                                                                     Homo sapiens (human)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:10090"
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vative 0; Mismatches 0;
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AX757443/c
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AX735631
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Homo sapiens
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thereof as medicaments
Patent: WO 03025177-A 276 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX735631
AX735631.1 GI:30514908
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AX757443
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Patent: WO 03025177-A 1221 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                  Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, apoptosis and/or viral resistance phenomena
                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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                                                              Molecular Engines Laboratories
                                                                             Patent: WO 03040369-A 764 15-MAY-2003;
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/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
/organism="Homo sapiens"
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AX757766
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                        Query Match
Best Local S
Matches 23
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Best Local Similarity
Matches 14; Conserv
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534 CCTCCTGCCTCAGCCTCCCAAGTAGCTGGGACCAAAGA 571
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                                                                                                                                                       Peptides effective in the treatment of tumors and requiring the removal or destruction of cells Patent: WO 03008443-A 34 30-JAN-2003; Nymox Corporation (CA)
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Sequence 34 from Patent
AX709010
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Molecular Engines Laboratories (FR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           apoptosis and/or viral resistance phenomena medicines
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Sequences involved in tumoral suppression, tumoral reversion,
Sequences ---/^~ viral resistance phenomena and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
                                                                                       /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No. 1.1e+03;
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Pred. No. 1.5e+03;
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Sequence 11 from Patent W09633287.
A57748
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1 (bases 1 to 17)
Holton, T.A., Cornish, E.C.,
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Nymox Corporation (CA)
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primer sequence 4 from patent
A28997
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GI:3713572
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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JUVENILE GLAUCOMA DETECTION PROCESS
Patent: WO 9633287-A 11 24-OCT-1996;
INST NAT SANTE RECH MED (FR)
Other publication FR 2733251 961025.
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Sequence 1 from Patent EP0780478.
A63199
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Patent: EP 0780478-A 1 25-JUN-1997;
INST NAT SANTE RECH MED (FR)
Other publication CA 2193564 19970622.
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Sequence 460 from Patent
A88312
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           1 (bases 1 to 17)
Brysch, W. and Schlingensiepen, K.
Brysch, W. and Schlingensiepen, K.
ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
Patent: WO 9833904-A 460 06-AUG-1998;
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BRYSCH WOLFGANG (DE)
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/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
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A90279
17
                                          15;
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1 (bases 1 to 17)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation
Patent: EP 0856579-A 460 05-AUG-1998;
BIOGNOSTIK GES (DE)
                                                                                                                              1 (bases 1 to 17)
Stinchcomb, D.T. and McSwiggen, J.A.
Interleukin-2 receptor gamma-chain ribozymes
Patent: US 5807743-A 1107 15-SEP-1998;
                                                                                                                                                                                                                      Sequence 1107 from patent AR040259 AR040259.1 GI:5959622
                                                                                                                                                                                       Unknown
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/mol_type="unassigned DNA"
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                                                                                   /organism="unknown"
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                                                                                                                   ocation/Qualifiers
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AR104585
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AR047082
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Best Local Similarity 88.2%;
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Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 410 06-OCT-1998;
Location/Qualifiers
1. .17
                                                                                                                                                  Sequence 132 from patent
AR104585
AR104585.1 GI:12817293.
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1875 06-OCT-1998;
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Sequence 1875 from patent
AR047082
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Sequence 410 from patent US
AR045617
                                                                         1 (bases 1 to 17)
Cech, T.R. and Lingner, J.
                                     Patent: US 6093809-A 132 25-JUL-2000;
Location/Qualifiers
                                                                                                                Unknown
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AR141074
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17 bp RNA linear PAI Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.
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                                                                                                                                                                                           Patent: US 6309867-A 132 30-OCT-2001;
Location/Qualifiers
1. .17
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1 (bases 1 to 17)
Cech, T.R. and Nakamura, T.
                                                                                                                                                                                                                                                                    Unknown.
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Manoharan, M. and Maier, M.A.
Compounds, processes and intermediates
backbone oligomeric compounds
Patent: US 6207819-A 5 27-MAR-2001;
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AR141074
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/mol_type="unassigned DNA"
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CE 1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

Patent: JP 2002509721-A 5913 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/5913

PD 02-APR-2002

PF 24-MAR-1999 JP 2000541291

PR 27-MAR-1998 US 60/079678

PI JAMES A MCSWIGGEN

PI JAMES A MCSWIGGEN
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JP 2002509721-A/5913.
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                   molecule participating in vasculogenic response Patent: JP 2002509721-A 5914 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
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                                                 24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT.
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                                                                                                                      Homo sapiens (human) JP 2002509721-A/5914
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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PC A61P35
C12N5/00
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcsw Method and reagent for treating diseases or conditions molecule participating in vasculogenic response patent: JP 2002509721-A 5919 02-APR-2002;
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Key Location/Qualifiers
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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                                                                                         /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5957 02-APR-2002; RIBCZYME PHARMACEUTICALS INC OS Homo sapiens (human) PN JP 2002509721-A/5957 PD 02-APR-2002
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A, 5956 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5956
PD 02-APR-2002
PP 02-APR-2009
PP 24-MAR-1999 JP 2000541291
PR 27-MAR-1999 US 60/079678
PR 27-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT
DAMES A MCSWIGGEN
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,C12N5/00
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1 (bases 1 to 17)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Key Location/Qualifiers
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27-MAR-1998 US 60/079678
PANSLA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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OS Homo sapiens (human)
PN JP 2002509721-A/5958
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcsw Method and reagent for treating diseases or conditions molecule participating in vasculogenic response Patent: JP 2002509721-A 5958 02-APR-2002;
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Pavco, P.A., Roberts, E.,
Method and reagent for 1
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,C12N5/00
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C A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                         source
                                                                                                                                                           Key
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                                                                                                                                                                                                            Method and reagent for treating
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24-MAR-1999 UP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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                                                                                                  /organism='Homo
Location/Qualifiers
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                                   /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
0; Mismatches 2
 Score 13.8;
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(CE 1 (bases 1 to 17)

RS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response patent: JP 2002509721-A 5959 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/5959

PD 02-APR-2002

PF 24-MAR-1999 JP 2000541291

PR 27-MAR-1998 US 60/079678

PI PAMELA A PAVCO, ELIGABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN
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PC A61P35
C12N5/00
                                                                                                              Method and reagent for treating diseases or conditions molecule participating in vasculogenic response. BD202938 BD202938.1 GI:33012708

JP 2002500771.8/77.7.
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Eukaryota; Metazoa; Chordata;
Mammalla; Eutheria; Primates;
1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis
                                                                        Homo sapiens
                                                                                                        JP 2002509721-A/5964.
                                                                                    Homo sapiens (human)
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                             Conservative
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Pred. No. 1.1e+03;
   Jarvis, T.,
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                                   Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
   Coeshott,C.
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   and Mcswiggen, J.A.
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                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning
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Patent: JP 2002509721-A 5975 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
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JP 2002509721-A/5975.
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
C12N5/00
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JP 2002509721-A/5964
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            sapiens (human)
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                                                                                                                                                                                                             24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCCALLISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                      Homo sapiens (human)
JP 2002509721-A/5975
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                      source
                                                         participating
                                                                                             Method and reagent for treating diseases
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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                                                                              molecule
                                          in vasculogenic response 
Location/Qualifiers
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Pred. No. 1
       /organism='Homo sapiens (human)'.
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BD202954
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PC A61P35,
C12N5/00
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 5978 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5978
PD 02-APR-2002
PD 02-APR-2002
PT 24-MAR-1999 US 60/079678
PF 24-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT
PH JAMES A MCSWIGGEN
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Method and reagent for
molecule participating
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BD202954.1 GI:33012724
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
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1 (bases 1 to 17)
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JP 2002509721-A/5978.
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27-MAR-1998 US 60/079678 /
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                                                                                                                                                                                                 Conservative
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e
0; Mismatches
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1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5980 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Ho
(bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcsv
Method and reagent for treating diseases or conditions
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6048 02-APR-2002;
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                                                                                     Homo sapiens (human)
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                                                                                                                                                                                             RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                  C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
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JP 2002509721-A/5980
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROI
JAMES A MCSWIGGEN
 A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
                                                                     JAMES A MCSWIGGEN
                                                                                     02-APR-2002
24-MAR-1999 UP 2000541291
27-MAR-1998 US 60/079678
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                      Homo sapiens (human)
JP 2002509721-A/6048
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Key Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03
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OS Homo sapiens (human)
PN JP 2002509721-A/6049
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 27-MAR-1999 UP 60/0796
PI PAMELA A PAVCO, ELISABETH
PI JAMES A MCSWIGGEN
PC
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PC A61P35
C12N5/00
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Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 17)
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JP 2002509721-A/6049.
Homo sapiens (human)
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TGCAACCTCCGCTTCCC
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                                         /organism='Homo
                                                                                                      /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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                                                                1.4%;
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                                                                Score 13.8;
Pred. No. 1
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                                                                8; DB 1;
1.1e+03;
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BD203024
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BD203025
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PC A61P35
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684 CCTCTGCCTCCCGGGTT 700
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavco, P. A., Roberte, E., Jarvis, T., Coeshott, C. and Mcswiggen, J. A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6051 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6051
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BD203024.1 GI:33012794
JP 2002509721-A/6050.
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BD203025
BD203025.1 GI:33012795
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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BD203042
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Best Local Similarity
Matches 15; Conserv
Query Match
Best Local Similarity
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Mammalla; Butheria; Primates; Catarrhini; Hominidae; Homo.

B 1 (bases 1 to 17)

B 2 (bases 1 to 17)

Noberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6068 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6068

PD 02-APR-2002
PD 02-APR-2002
PP 24-MAR-1998 US 60/079678
PI 24-MAR-1999 US 60/079678
PI PANELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PR 27-MAR-1998 US 60/079678
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PI PAMELA A PAVICO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESH(PI JAMES A MCSWIGGEN PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
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PC A61
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BD203042.1 GI:33012812
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PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
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Key Location/Qualifiers
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                                                        /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9604"
                                                                                                                                   /organism='Homo
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.
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Score 13.8; DB 1;
Pred. No. 1.1e+03;
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RESULT 1309
BD203044
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BD203043
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AUTHORS
TITLE
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ORGANISM
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PC A61
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning
                                                                                                                                                              BD203044 17 bp RNA linear PAT 17-JUL-20 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6069 02-APR-2002;
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                                                                                    Homo sapiens
                                                                                                                  JP 2002509721-A/6070.
                                                                                                                                   BD203044.1 GI:33012814
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Mammalia; Eutheria; Primates;
                                                                                              Homo sapiens (human)
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27-MAR-1998 US 60/079678
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JP 2002509721-A/6069
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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                                                                                                                                                             OS Homo sapiens (human)
PN JP 2002509721-A/6078
PN JP 2002509721-A/6078
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1998 US 60/079678
PR 27-MAR-1998 US 60/079678
PR 27-MAR-1998 US 60/079678
PI DAMEIA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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PC A61P35
C12N5/00
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1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent. JP 2002509721-A 6078 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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PC A61P35
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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Location/Qualifiers
/organism='Homo
Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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                    sapiens (human)'.
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816 ATCTTGATCTCTGGACC 832
Method and reagent for treating diseases or molecule participating in vasculogenic respo BD203164 GI:33012934 JP 2002509721-A/6190.
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1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6080 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6080
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PC A61P35
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Similarity 88.2%;
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PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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                                                                                                                                                                                                                                                                          Conservative
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                     /organism='Homo sapiens (human)'.
                                                                                                                                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6190 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN 2002509721-A/6190
PD 20-APR-2002
PF 2002509721-A/6190
PD 02-APR-2002
PF 24-MAR-1999 UP 2000541291
PF 24-MAR-1999 US 60/079678
PI PAMELA A PAVCO ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

E 1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
patent: JP 2002509721-A 6197 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6197
PD 02-APR-2002
02-APR-2002
PF 24-MAR-1999 US 60/079678
PF 24-MAR-1999 US 60/079678
PR 27-MAR-1998 US 60/079678
PR 27-MAR-1998 US 60/079678
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BD203171.1 GI:33012941
JP 2002509721-A/6197.
                  C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC A61P29/00,
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
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A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                 24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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PC A61
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1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6200 02-APR-2002;
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JP 2002509721-A/6200.
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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JP 2002509721-A/6200
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Key Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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OS EUKATYOTE
PN JP 2002541795-A/5460
PD 10-DEC-2002
PD 10-DEC-2002
PT 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/1293
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                             RIBOZYME PHARMACEUTICALS INC

OS ENKATYOTE

PN JP 2002541795-A/5500

PD 10-DEC-2002

PF 11-APR-2000 JP 2000611654

PR 12-APR-1999 US 60/129390

PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC C12P21/02,
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic a
Patent: JP 2002541795-A 5460 10-DEC-2002;
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C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
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PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
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C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, C12R1:91),
                                                                                                                                                                                                                                                              unclassified.
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 1.1e+03;
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Best Local Similarity 88.2%;
                                                                     Query Match
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C12R1:91)

CC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/0

CC A61K37/02,

CC (C12N5/00,C12R1:91)

CC Regulation of repressor genes using nucleic acid molecules

Key Location/Qualifiers

FT source 1.17

forganism='Eukaryote'.
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PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N15/10, PC
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Blatt, I., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic a
Patent: JP 2002541795-A 5501 10-DEC-2002;
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(C12N5/00,C12R1:91)
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JP 2002541795-A/5501
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                                                          Conservative
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Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                       1.4%; Score 13.8; 1
88.2%; Pred. No. 1.10
tive 0; Mismatches
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Pred. No. 1.1e+03;
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RESULT 1318 BD258579 LOCUS

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PAT 17-JUL-2003

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TITLE Regulation of repressor genes using nucleic acid molecules ratent: JP 2002541795-A 6372 10-DEC-2002;

ENT OS ENEARYOUSE
PN JP 2002541795-A/6372
PD 10-DEC-2002
PF 11-APR-2000 JP 2012
PR 12-APR-1001
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 369 TCCACCTGCCTCAGCCT 385
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PD 10-DEC-2002

PF 11-APR-2000 JP 2000611654

PF 11-APR-1999 US 60/129390

PI 12-APR-1999 US 60/129390

PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN

C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
                                                                                                                                                                                                                                                Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02,
                                                                                                                                                               Aeomica,
                                                                                                                                                                           Myosin-like gene expressed in human heart and Patent: WO 0192524-A 6546 06-DEC-2001;
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(C12N5/00,C12R1:91)
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                                                                                                                                                               Inc. (US)
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                          Score 13.8; DB 1;
Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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CQ624123/c
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CQ621807/c
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CQ624684/c
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Sequence
CQ624684
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Shannon,M.E.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 8863 from Patent
CQ624123
CQ624123.1 GI:41674341
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                         CQ624684
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Shannon,M.E.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                 CQ801533 17 bp DN Sequence 43 from Patent WO2004033723 CQ801533
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Shannon,M.E.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mitchell, J. and de Belleroche, J.
Neurodegnerative disease-associated gene
                                          Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e
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Pred. No. 1.1e+03;
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                                           Craniata; Vertebrata; Catarrhini; Hominidae;
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                                                            Euteleostomi;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J.
C-myb targeted ribozymes
Patent: US 5646042-A 410 08-JUL-1997;
Location/Qualifiers
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Sequence 410 from patent US 5
152669
                                                                                                                              1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J.
C-myb targeted ribozymes
Patent: US 5646042-A 1875 08-JUL-1997;
Location/Qualifiers
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Sequence 1875 from patent
IS4134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unknown.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
                                              Score 13.8; DB 1;
Pred. No. 1.1e+03;
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AR187062
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Sequence 28;
AR187336
AR187336.1
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Sequence
AR187335
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conc
related to levels of vascular endothelial growth factor
Patent: US 6346398-A 2823 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2550 12-FEB-2002;
Location/Qualifiers
1 (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2824 12-FEB-2002;
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                                                                                                                                                                                                                                                                                                                            /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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                                                                                                                                                                                                                                                                                       Score 13.8; DB 1;
Pred. No. 1.1e+03;
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Zwick, M.G., Edington, B.E., McSwiggen, J.A., McGuo, L., Skokut, T.A., Young, S.A., Folkerts, O. Nucleic acid encoding delta-9 desaturase Patent: US 6350934-A 884 26-FEB-2002;
                                                                                                                                                                                                                                                                                                                                 1 TCACTTTTTGTTTGTTT
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2825 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unknown
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884 from patent US 6350934.
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/mol_type="unassigned
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/mol_type="unassigned DNA"
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                                                                                     /mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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D. and Merlo, D.J.
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Sequence 88
AR196420
AR196420.1
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Sequence 23
AR222463
AR222463.1
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I (bases 1 to 17)

Zwick, M.G., Edington, B.E., McSwiggen, J.A., Mc
Guo, L., Skokut, T.A., Young, S.A., Folkerts, O.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 885 26-FEB-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                               Kurz,M., Lohse,P. and Wagner,R. Peptide acceptor ligation methods Patent: US 6429300-A 23 06-AUG-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unknown.
                                                                                                                               AR236087
Sequence 5 from patent US
AR236087
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          1 (bases 1 to 17)
Manoharan, M. and Maier, M.A.
Compounds, processes and intermediates
backbone oligomeric compounds
patent: US 6462184-A 5 08-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                  Unclassified.

1 (bases 1 to 17)
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Unclassified.
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                                                                                                                                                                                                                                                                                                               /organism="unknown"
/mol_type="genomic DNA"
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Location/Qualifiers
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from patent US 6429300.
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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O. and Merlo, D.J.
                                    synthesis of mixed
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AR266625
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AUTHORS
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AR323672
RESULT 1337
AR323945
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AR323672
AR323672.1
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1 (bases 1 to 17)

1 (bases 1 to 17)

McClelland,M., Welsh,J. and Trenkle,T.

Reduced complexity nucleic acid targets and

Reduced complexity 5 and 7-DEC-2002;

Patent: US 6495319-A 63 17-DEC-2002;

Location/Qualifiers
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AR266625
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                                                                                                                                                                                     1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 656127-A 1074 20-MAY-2003;
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/mol_type="genomic I
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/mol_type="genomic DNA"
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88.2%; Pred. No. 1.1e+03;
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Pred. No. 1.1e+03
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                                                1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Method and reagent for the treatment of diseases or condirelated to levels of vascular endothelial growth factor Patent: US 6566127-A 1349 20-MAY-2003;
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                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1348 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor recept Patent: US 6566127-A 1347 20-MAY-2003;
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Pavco, P., McSwiggen, J.A.,
                                                                                                                                 Unknown
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/mol_type="unassigned RNA"
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           organism="unknown"
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/mol_type="unassigned
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_type="unassigned RNA"
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AR327378
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Sequence
AR402202
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Akhtar,S., Fell.P. and McSwiggen,J.A.
Enzymatic nucleic acid treatment of diseases of conditions
to levels of epidermal growth factor receptors
Patent: US 6623962-A 542 23-SEP-2003;
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J
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/mol_type="genomic DNA"
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AR462869
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Gu,Y. and Shannon,M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 851 02-DEC-2003;
                                                                                                                                                                                                                                                                                                                                                                                               Polynucleotide encoding a human myosin-like predominantly in heart and muscle Patent: US 6686188-A 6546 03-FEB-2004; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                             Unclassified.

1 (bases 1 to 17)

1 (bases 1, y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W.
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Shannon,M.E.
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AR462870
AR462870.1 GI:42697927
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                                              Polynucleotide encoding a human myosin-like predominantly in heart and muscle Patent: US 6686188-A 6547 03-FEB-2004;
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/mol_type="genomic DNA"
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/organism="unknown"
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Pred. No. 1
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Pred. No. 1.1e+03;
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6686188.
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6686188.
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1.1e+03;
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Best Local, Similarity 88.3
Matches 15; Conservative
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                     346
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Sequence
AR465186
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R.,
Shannon,M.B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Polynucleotide encoding a human myosin-like predominantly in heart and muscle Patent: US 6686188-A 8863 03-FEB-2004;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown
                                                                                                                     predominantly in heart and muscle
Patent: US 6686188-A 9424 03-FEB-2004;
Location/Qualifiers
                                                                                                                                                        Shannon, M.E. Polynucleotide encoding a human myosin-like
                                                                                                                                                                            1 (bases 1 to 17)
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W.
                                                                                                                                                                                                                                                              Sequence 9424 from patent AR465747
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                      GCTGGTCTCCTGAGCTC 362
GCTTGTCTCCTGAGGTC 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="unknown"
/mol_type="genomic DNA"
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                                                                                   /organism="unknown"
/mol_type="genomic DNA"
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Pred. No. 1.1e+03;
                                                      Score 13.8; DB 1;
Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
                                           Pred. No. 1.1e
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RESULT 1347 AR465750/c LOCUS

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Method and reagent for the modulation and dia
nogo gene expression
Patent: WO 0159103-A 89 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt,
McSwiggen, James (US); Chowrira, Bharat M.
Location/Qualifiers
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Sequence 89 from Patent WO0159103.
AX214647
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Sequence 237 from Patent
AX214795
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     synthetic construct synthetic construct artificial sequences.
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K.,
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 Blatt, L., Mcswiggen, J. Method and reagent for
                                                 synthetic construct
synthetic construct
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                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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Pred. No. 1.1e+03;
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Chowrira, B.M. modulation and
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 diagnosis of cd20 and
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AX215450
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AX215449
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Patent: WO 0159103-A 237 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt,
McSwiggen, James (US); Chowrira, Bharat M.
Location/Qualifiers
                         nogo gene expression
Patent: WO 0159103-A 892 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US);
McSwiggen, James (US); Chowrira, Bhai
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Patent: WO 0159103-A 891 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt,
MCSwiggen, James (US); Chowrira, Bharat M.
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                                                                                             Blatt,L., Mcswiggen,J. and Chowrira,B.M. Method and reagent for the modulation an
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/db_xref="taxon:32630"
/note="Nucleic Acid"
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/db_xref="taxon:32630"
organism="synthetic construct"
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|mol_type="unassigned RNA"
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Pred. No. 1.1e+03;
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RESULT 1353
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                 Aeomica,
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Mammalia; Eutheria;
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/db_xref="taxon:32630"
/note="Nucleic Acid"
                                                                                                                                                   Inc. (US)
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DN
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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           RESULT 1356
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Method and reagent for the inhibition of calcium activated chloride channel 1 (clca-1)
Patent: WO 0211674-A 439 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
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Sequence 439 from Patent WO0211674.
AX578601
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Sequences involved in phenomena of tumour suppression, tumour
sequences and/or resistance to viruses and their use
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Similarity 88.2%; Pred. No. 1.1e+03;
15; Conservative 0; Mismatches 2
                                                                                                                        1.4%; Score 13.8; DB 1; Similarity 88.2%; Pred. No. 1.1e+03; 15; Conservative 0; Mismatches 2
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA
/db_xref="taxon:9606"
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                      AX671887
Sequence 332 from Patent
AX671887
AX671887.1 GI:29330235
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Sequences involved in phenomena of tumour
sequences involved and/or resistance to
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                             Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX672085/c
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                               Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour suppression, apoptosis and/or resistance to viruses and their reversion, apoptosis and/or resistance to viruses and their
                                                                                                                                                                                                                              Sequence
AX672085
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour
Sequences involved in phenomena of tumour suppression, tumour
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Mammalia; Eutheria; Primates;
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                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                  Homo sapiens
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Patent: WO 03004526-A 530 16-JAN-2003;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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AX672216/c
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ORGANISM
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AX672543/c
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Best Local Similarity
Matches 15; Conserv
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
                                                                                                                                                                                                                                                                           Sequence 988 from Patent
AX672543
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                        Patent: WO 03004526-A 988 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                             organism="Homo sapiens"
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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AX673200
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             DEFINITION
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AX673204
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Sequence 1533 from Patent WO03004526.
AX673088.1 GI:29331436
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Sequence 1645 from Patent W003004526
AX673200
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX673647/c
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AX673648/c
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Best Local Similarity 88.2%;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX673647
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                              Homo sapiens (human)
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Homo sapiens
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Pred. No. 1.1e+03;
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
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Molecular Engines Laboratories (FR)
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Sequence 2127 from Patent
AX673682
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Sequence 2125 from Patent W003004526.
AX673680 AX673680.1 GI:29332028
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
                                                        Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use medicines
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%;
                                Patent: WO 03004526-A 2127 16-JAN-2003
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
c Engines Laboratories (FR) Location/Qualifiers
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX674341
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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AX673691
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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              Homo sapiens (human)
                                                          Sequence 5262 from Patent AX692530 AX692530.1 GI:29415488
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX692529
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Mammalia, Eutheria, Primates, Catarrhini,
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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                                                                                                                                                                                                                                                                                                                                                                                                            Patent: EP 1281758-A 5261 05-FEB-2003;
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Sequence 5264 from Patent
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                     Patent: EP 1281758-A 5264 05-FEB-2003;
                                                                Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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AX692564.1 GI:29415522
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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              Shannon, M.,
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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AX692649
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                              h 1.4%; Score 13.8; DB 1; Similarity 88.2%; Pred. No. 1.1e+03; L5; Conservative 0; Mismatches 2;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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88.2%; Pred. No. 1.1e+03;
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Best Local Similarity
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Sequence 5406 from Patent
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Sequence 5399 from Patent
AX692667
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae,
                                                                                                                                                                                                                                                    Sequence 5421 from Patent Ax692689
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                      Patent: EP 1281758-A 5421 05-FEB-2003;
                                                                          Four human zinc-finger-containing proteins
                                                                                             Shannon, M., Gu, Y. and Nguyen, C.T.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                 Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins: mdz3, mdz4, mdz7
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/organism="Homo sapiens"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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88.2%; Pred. No. 1.1e+03;
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Sequence 5468 from Patent
AX692736
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15; Conserv
                                                                                               Sequence 5471 from Patent AX692739
Shannon, M., Gu, Y. and Nguyen, C.T.
                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                 Homo sapiens
                                                           Homo sapiens (human)
                                                                                   AX692739.1 GI:29415697
                                                                                                                         AX692739
                                                                                                                                                                                                                                                                                                                                            Aeomica,
                                                                                                                                                                                                                                                                                                                                                      Patent: EP 1281758-A 5468 05-FEB-2003;
                                                                                                                                                                                                                                                                                                                                                                                          Shannon, M., Gu, Y. and Nguyen, C.T.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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                                    Euteleostomi;
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1.4%;
Local Similarity 88.2%;
nes 15; Conservation
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                                                                                                                                      Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                                                                                                                                              AX723636 17 bp DNA Sequence 1323 from Patent W003025176.
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                                                                                   Patent: WO 03025176-A 1323 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                         Mus musculus (house mouse)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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organism="Mus musculus"
/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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   837 GATCTGCCTGCCTCGGC 853
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AX724687
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Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
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Sequences involved in phenomena of tumour suppression, tumour suppression, apoptosis and/or virus resistance and their use as reference.
                                                                                                                                                                                                                                                                  Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Location/Qualifiers
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                                                                                                                                                Patent: WO 03025176-A 2374 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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2374 from Patent WO03025176.
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                                                                                     /organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03
                             Score 13.8; DB 1;
Pred. No. 1.1e+03;
0; Mismatches 2;
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Sequence 2830 from Patent
AX725143
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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour
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Mus musculus
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae;
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                       GATCGGCCTGCCTCTGC 17
                                                                                                                          1.4%; Score 13.8; DB 1; larity 88.2%; Pred. No. 1.1e+03; Conservative 0; Mismatches 2
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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AX728655/c
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Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or virus resistance and their
                                                                         Sequence 289 from Patent AX728655
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                            AX728655.1 GI:30507998
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Rodentia;
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                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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Pred. No. 1.1e+03;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                        Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tume reversion, apoptosis and/or virus resistance and their use
                                                                                                                                                                                       Sequence 381 from Patent
AX728747
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 350 from Patent WO03025175.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                        Homo sapiens (human)
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WO 03025175-A 381 27-MAR-2003;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                medicines
Patent: WO 03025175-A 466 27-MAR-2003;
Molecular Engines Laboratories (FR)
Molecular Engines Laboratories
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Sequence 466 from Patent
AX728832
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DN/
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or virus resistance and their
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                  Patent: WO 03025175-A 587 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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larity 88.2%; Pred. No. 1.1e+03;
Conservative 0; Mismatches 2
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequences involved in phenomena of tumour suppression, tumo
Sequences involved in phenomena of tumour suppression, tumo
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Sequence 703 from Patent WO03025175.
AX729069
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Sequence 766 from Patent WO03025175
AX729132
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                         AX729181
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Sequences involved in phenomena of tumour suppression, tumoreversion, apoptosis and/or virus resistance and their use
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                      Sequence 1292 from Patent AX729658
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Sequences involved in phenomena of tumour suppression,
reversion, apoptosis and/or virus resistance and their
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Sequence 1294 from Patent W003025175.
AX729660
AX729660.1 GI:30509003
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Sequence 1312 from Patent
AX729678
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 03025175-A 1312 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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AX729716
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 1662 from Patent
AX730028
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                            Patent: WO 03025175-A 1662 27-MAR-2003;
Molecular Engines Laboratories (FR)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
Score 13.8; DB 1;
Pred. No. 1.1e+03;
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AX730216

AX730216.1 GI:30509559
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                                                                                                                                                                             Patent: WO 03025175-A 2214 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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AX730628/c
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Sequence 2288 from Patent WO03025175.
AX730654
AX730654.1 GI:30509997
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumoreversion, apoptosis and/or virus resistance and their use
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as modification.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%;
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour
                                                                                                                                Sequence 2319 from Patent AX730685
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Location/Qualifiers
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                        Homo sapiens
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Similarity 88.2%;
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX731040/c
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Location/Qualifiers
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Sequence 2674 from Patent
AX731040
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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AX730968
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                                                                                                                 Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                           Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                       Patent: WO 03025175-A 2674 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Similarity 88.2%;
15; Conservative
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                        Location/Qualifiers
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/db_xref="taxon:9606"
/organism="Homo sapiens"
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Best Local Similarity 88.2%;
Matches 15; Conservative
 Query Match
Best Local Similarity
Matches 15; Conserv
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Sequence 2694 from Patent WO03025175.
AX731060
AX731060.1 GI:30510403
                                                                                                                   Patent: WO 03025175-A 2718 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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              Score 13.8; DB 1;
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Location/Qualifiers
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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AX731582
AX731582.1 GI:30510925
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Sequence 2733 from Patent
AX731099
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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nilarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Sequence 3299 from Patent
AX731665
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Sequences involved in phenomena of tumour suppression, tumor reversion, apoptosis and/or virus resistance and their use
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Homo sapiens
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Molecular Engines Laboratories (FR)
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                                      AX732240
Sequence 3874 from Patent
AX732240
AX732240.1 GI:30511583
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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sapiens
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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Location/Qualifiers
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Sequence 3977 from Patent
AX732343
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or virus resistance and their
 Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                              Sequence 4026 from Patent AX732392
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                Homo sapiens
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AX732746/c
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AX732400/c
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Sequence 4380 from Patent
AX732746
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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/mol_type="unassigned DNA"
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AX732873/c
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AX732830/c
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequence 4507 from Patent WO03025175.
AX732873.1 GI:30512216
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX732926/c
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AX732908/c
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Sequence 4560 from Patent WO03025175
AX732926
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX732941 17 bp DNA Sequence 4575 from Patent W003025175.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 1.1e+03;
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AX732941.1 GI:30512284
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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AX733321
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Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Sequence 5063 from Patent
AX733429
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AX733420
AX733420.1 GI:30512763
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Sequences involved in phenomena of tumour suppression, tumour registance and their use as
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Homo sapiens
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Patent: WO 03025175-A 5054 27-MAR-2003;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
                Patent: WO 03025175-A 5063 27-MAR-2003
                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                          reversion, apoptosis and/or
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Sequences involved in phenomena of tumour suppression,
Serversion, apoptosis and/or virus resistance and their
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                            Homo sapiens (human)
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Location/Qualifiers
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Conservative
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/db_xref="taxon:9606"
                                  /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
0; Mismatches 2
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Pred. No. 1.1e+03;
Score 13.8;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                   Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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5490 from Patent WO03025175.
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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                                                                  Score 13.8; DB 1;
Pred. No. 1.1e+03;
0; Mismatches 2;
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Pred. No. 1.1e+03;
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AX734036
                                        RESULT 1463
AX734090/c
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Sequences involved in phenomena of tumour suppression, tumour suppression, apoptosis and/or virus resistance and their use
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Sequence 5724 from Patent
AX734090
AX734090.1 GI:30513433
                                                                                                                                                                                                                                                                                      Patent: WO 03025175-A 5670 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumoreversion, apoptosis and/or virus resistance and their use
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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88.2%; Pred. No. 1.1e+03;
tive 0; Mismatches 2
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Pred. No. 1.1e+03;
0; Mismatches 2
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AX734196/c
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AX734154/c
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Sequence 5830 from Patent
AX734196
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Sequences involved in phenomena of tumour suppression, tumor reversion, apoptosis and/or virus resistance and their use
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Sequence 5788 from Patent
AX734154
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Molecular Engines Laboratories (FR)
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Telerman, A., Amson, R. and Tuijnder, M.
                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Butheria; Primates; Catarrhini; Hominidae;
                                                                 Homo sapiens
                                                                                                                AX734196.1 GI:30513539
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                Homo sapiens (human)
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/db_xref="taxon:9606"
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                         1.4%;
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Pred. No. 1.1e+03;
0; Mismatches 2;
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Pred. No. 1.1e+03;
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WO03025175.
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                                                Euteleostomi;
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AX735323/c
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AX734858/c
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                    FEATURES
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Best Local Similarity 88.2%;
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               Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to thereof as medicaments
Patent: WO 03025177-A 913 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                                            Sequence 913 from Patent AX735323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or resistance to viruses and thereof as medicaments
Patent: WO 03025177-A 448 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Patent: WO 03025175-A 5830 27-MAR-2003;
                                                                                                                                              Eukaryota; Metazoa;
Mammalia; Eutheria;
                                                                                                                                                                              Homo sapiens
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Similarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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                                                                                suppression, viruses and
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PAT 08-MAY-2003

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; Homo.

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AX735463/c
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AX735441
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AX735463
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments Patent: WO 03025177-A 1031 27-MAR-2003; Molecular Engines Laboratories (FR)
Ch 1.4%; Score 13.8; DB 1; 1 Similarity 88.2%; Pred. No. 1.1e+03; 15; Conservative · 0; Mismatches 2;
                                                                                                                         Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 1053 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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1053 from Patent WO03025177.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
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AX735902/c
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Best Local
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                         653 AGTGCAGTGGCGCAATC 669
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Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to thereof as medicaments
Patent: WO 03025177-A 1342 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1342 from Patent
AX735752
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or resistance to viruses and thereof as medicaments
Patent: WO 03025177-A 1492 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                         Homo sapiens (human)
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Similarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
                                                                  Score 13.8; DB 1;
Pred. No. 1.1e+03;
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AX737310
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AX736781/c
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                                                                                                                                                                                                                                                                                                                      Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour
reversion, apoptosis and/or resistance to
thereof as medicaments
Patent: WO 03025177-A 2371 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                           Sequence 2900 from Patent AX737310 AX737310.1 GI:30516598
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Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression,
Sequences involved and/or resistance to viruses and t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2371 from Patent AX736781
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            reversion, apoptosis and/or resistance thereof as medicaments Patent: WO 03025177-A 1828 27-MAR-2003;
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Homo sapiens (human)
                                                                       AX737310
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Location/Qualifiers
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/mol_type:"unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX737441/c
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use
                                                                                                                                         Sequence 3110 from Patent
AX737520
AX737520.1 GI:30516808
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15; Conserv
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Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to thereof as medicaments
Patent: WO 0302517-A 3031 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Homo sapiens
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or resistance to viruses and thereof as medicaments
Patent: WO 03025177-A 2900 27-MAR-2003;
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Mammalia; Eutheria; Primates;
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                           Homo sapiens
                                                                                                         Homo sapiens (human)
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Mammalia; Eutheria;
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/mol_type="unassigned DNJ
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Primates;
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Pred. No. 1.1e+03;
0; Mismatches 2
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Pred. No. 1.1e+03;
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                                                              Craniata; Vertebrata;
Catarrhini; Hominidae;
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                                                               Hominidae;
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AX737884/c
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Patent: WO 03025177-A 3110 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequence 3202 from Patent
AX737612
                                            Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 3474 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or resistance to viruses and thereof as medicaments
                                                                                                                                                                                                                                                               Sequence 3474 from Patent AX737884
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or resistance to viruses and treversion.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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Patent: WO 03025177-A 3737 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                         Sequence 4099
AX738509
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Patent: WO 03025177-A 4049 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Location/Qualifiers
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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           Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 03025177-A 3826 27-MAR-2003;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                            AX738509.1 GI:30517797
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX738563
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ORGANISM
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Best Local Similarity
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Patent: WO 03025177-A 4099 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX738563
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Sequences involved in phenomena of tumour suppression, tum
reversion, apoptosis and/or resistance to viruses and the
thereof as medicaments
Patent: WO 0302517-A 4153 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                             Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression,
Sequences involved and/or resistance to viruses and of
                                                                                                                                                                                                   Sequence 4582 from Patent AX738992
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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reversion, apoptosis and/or resistance to thereof as medicaments Patent: WO 03025177-A 4582 27-MAR-2003;
                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                  Homo sapiens
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX739014/c
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TITLE
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
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Patent: WO 03025177-A 4604 27-MAR-2003;
                                                                                   Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments patent: WO 03025177-A 4727 27-MAR-2003; Molecular Engines Laboratories (FR) Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                       Sequence 4727 from Patent AX739137
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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larity 88.2%;
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
0; Mismatches 2
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Pred. No. 1.1e+03;
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WO03025177.
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suppression, viruses and

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15; Conserv
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Sequences involved in phenomena of tumour suppression,
reversion, apoptosis and/or resistance to viruses and t
thereof as medicaments
Patent: WO 03025177-A 4932 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                            17 bp DNA Sequence 4932 from Patent W003025177. AX739342
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Sequence 4880 from Pacent
AX739290
                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX739801/c
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AX739689/c
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AX739600/c
            DEFINITION
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Patent: WO 03025177-A 5279 27-MAR-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens (human)
Homo sapiens
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Sequence 5190 from Patent WOO3025177.
AX739600
AX739600.1 GI:30518897
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Location/Qualifiers
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                               AX739801
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX756764/c
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AX756802/c
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Matches 15; Conserv
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Sequences involved in tumoral suppression, tumoral reversion,
Sequences involved in temeral suppression, tumoral reversion,
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Sequence 85 from Patent
AX756764
AX756764.1 GI:32251318
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Patent: WO 03025177-A 5391 27-WAR-2003;
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Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                             Sequence 123 from Patent AX756802
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
           Eukaryota; Metazoa;
Mammalia; Eutheria;
                                       Homo sapiens
                                                                                 AX756802.1 GI:32251356
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Similarity 88.2%;
15; Conservative
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85 from Patent WO03040369
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Primates;
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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WO03040369
             Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX757008/c
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AX757043/c
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Molecular Engines Laboratories (FR)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                   Patent: WO 03040369-A 364 15-MAY-2003;
Molecular Engines Laboratories (FR)
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/mol_type="unassigned DNA"
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Sequence 455 from Patent WO03040369
AX757134
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Sequences involved in tumoral suppression, tumoral reversion
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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AX757638/c
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AX757675
AX757675.1 GI:32252291
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AX757638
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Location/Qualifiers
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                              /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                      1.4%;
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                                                         Score 13.8; DB 1;
Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX757688/c
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AX757881/c
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Sequence 1009 from Patent WO03040369.
AX757688
AX757688.1 GI:32252304
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                        ch 1.4%; Score 13.8; DB 1; Similarity 88.2%; Pred. No. 1.1e+03; 15; Conservative 0; Mismatches 2;
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Sequence 1202 from Patent
AX757881
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Patent: WO 03040369-A 1009 15-MAY-2003;
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               Sequence 1504 from Patent
AX758183
AX758183.1 GI:32252799
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%;
15; Conservative
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/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
0; Mismatches 2;
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AX758275/c
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AX758241/c
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX758241
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Sequence 1596 from Patent
AX758275
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Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in tumoral suppression,
                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                            Homo sapiens (human)
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Similarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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0; Mismatches 2;
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AX758340/c
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AX758557/c
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                                                                              Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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Patent: WO 03040369-A 1596 15-MAY-2003;
Molecular Engines Laboratories (FR)
                                                                                                                                                                                                                           Sequence 1878 from Patent AX758557
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                                          Patent: WC
Molecular
                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                     Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                         WO 03040369-A 1878 15-MAY-2003; ar Engines Laboratories (FR) Location/Qualifiers
/organism="Homo sapiens"
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in tumoral suppression, tumoral reversion,
Sequences involved in two istance phenomena and their use as
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AX758767
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                                                                            /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in tumoral suppression, tumoral reversion,
Sequences involved in temoral suppression, tumoral reversion,
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX758883
AX758883.1 GI:32253499
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
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Sequence 2212 from Patent
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                                                               Sequence 2322 from Patent AX759001
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                GI:32253617
                 (human)
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Best Local Similarity 88.2%;
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
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Sequence 2543 from Patent
AX759222
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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Molecular Engines Laboratories (FR)
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                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                       Homo sapiens
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                                                                                                                                                    AX759222.1 GI:32253838
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                            /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Patent: WO 03040369-A 2630 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Best Local Similarity 88.2%;
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AX759422
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                               l Similarity
                                                                                                                                                                                                                                                                                                                                                                  Sequence 2898 from Patent WO03040369.
AX759577
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX759670/c
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Sequence 2910 from Patent
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AX759589.1 GI:32254205
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17 bp DN Sequence 3055 from Patent WO03040369.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%; Pred. No. 1.1e+03;
15; Conservative 0; Mismatches' 2;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Best Local Similarity 88.2%;
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Sequence 3227 from Patent
AX759906
AX759906.1 GI:32254522
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Molecular Engines Laboratories (FR)
Location/Qualifiers
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                           Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Query Match
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il Similarity 88.2%;
15; Conservation
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                                                                            Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in tumoral suppression,
                                                                                                                                                                                                                                                                Sequence 3668 from Patent AX760347
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 3648 from Patent
AX760327
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Location/Qualifiers
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Sequences involved in tumoral suppression, tumoral revapprosis and/or viral resistance phenomena and their
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Molecular Engines Laboratories (FR)
                Patent: WO 03040369-A 3668 15-MAY-2003
                                                           apoptosis and/or viral resistance phenomena
                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX760840
AX760840.1 GI:32255456
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                       Patent: WO 03040369-A 4161 15-MAY-2003;
Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/mol_type="unassigned DNi/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX760878/c
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Sequences involved in tumoral suppression, tumoral reversion,
Sequences involved in tesistance phenomena and their use as
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Sequence 4320 from Patent
AX760999
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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88.2%; Pred. No. 1.1e+03;
active 0; Mismatches 2
                                                                     1.4%;
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Pred. No. 1.1e+03;
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AX761482/c
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AX761155/c
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Sequence 4892 from Patent WO03040369.
AX761571
AX761571.1 GI:32256187
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Sequence 4803 from Patent
AX761482
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AX761155
AX761155.1 GI:32255771
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Homo sapiens
                                          AX761571
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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Location/Qualifiers
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Similarity 88.2%;
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ilarity 88.2%;
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AX761575/c
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in tumoral suppression, tumoral reversion,
appreciate and/or viral resistance phenomena and their use as
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                              Homo sapiens (human)
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Telerman, A.,
                               Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Amson, R. and Tuijnder, M
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Pred. No. 1.1e+03;
0; Mismatches 2
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Pred. No. 1.1e+03;
0; Mismatches 2;
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                               Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX761893/c
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AX761929/c
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX761893
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                             Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                            apoptosis and/or viral resistance phenomena
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Pred. No. 1.1e+03;
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AX762072/c
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Query Match 1.4%;
Best Local Similarity 88.2%;
Matches 15; Conservative
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Sequence 5343 from Patent WO03040369
AX762022
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                    Patent: WO 03040369-A 5393 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%;
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5393 from Patent WO03040369.
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                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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88.2%; Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03
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AX762093
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AX762434
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Best Local Similarity 88.2%;
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Sequence 5414 from Patent
AX762093
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                                                                                                                                                                                                                                                                                                                                                                           Sequence 5755 from Patent AX762434
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                   Patent: WO 03040369-A 5755 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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RESULT 1545

SOURCE

Homo sapiens (human)

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RESULT 1547
AX762690
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AX762577/c
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                         Patent: WO 03040369-A 5898 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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   GI:32257306
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Pred. No. 1.1e+03;
                                                                                                                                                                           Score 13.8; DB 1;
Pred. No. 1.1e+03;
0; Mismatches 2
                           17 bp DNA
WO03040369.
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                                                                                                                                                                                                        DB 1;
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AX762719/c
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AX762777/c
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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in tumoral suppression, tumoral reversion,
Sequences involved in temperature phenomena and their use as
                                                                                                                                                                  Sequence
AX762777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 6040 from Patent
AX762719
AX762719.1 GI:32257335
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion. apoptosis and/or viral resistance phenomena and their use as
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                                                                  Eukaryola; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                  Homo sapiens
                                                                                                                   Homo sapiens (human)
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15; Conservative
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llarity 88.2%;
Conservative
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                                                                                                                                                                                  6098 from Patent
                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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BD065825/c
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AX762875
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Best Local Similarity 88.2
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 Schlingensiepen, K.H. and Brysch, W.

An antisense oligonucleotide preparation method

Patent: JP 2001511000-A 460 07-AUG-2001;

BIOCHOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown
PN 07-AUG-2001
PD 07-AUG-2001
PD 07-AUG-2001
PP 30-JAN-1998 JP 1998532533
PF 31-JAN-1998 JP 1998532533
PF C C12N15/11,C07H21/04,A61K31/70
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Patent: WO 03040369-A 6098 15-MAY-2003;
Molecular Engines Laboratories (FR)
Molecular Location/Qualifiers
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                                                                                                                                                                                                                         unidentified
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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38.2%; Pred. No. 1.1e+
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Pred. No. 1.1e+03;
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BD067702/c
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Best Local Similarity
Matches 15; Conserv
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Enzymatic nucleic acid treatment of diseases or corto levels of epidermal growth factor receptors

Patent: JP 2001511003-A 542 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

OS Unidentified

PN JP 2001511003-A/542

PD 07-AUG-2001

PF 14-JAN-1998 JP 1998532913

PR 31-JAN-1997 US 60/036476,04-DEC-1997 US

SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC

C1899/00,C07K14/71

CC Strandedness: Single;

CC Topology: Linear;

CC Enzymatic nucleic acid treatment of diseases
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15; Conserv
                            Sequence 3191 from Patent AX159863
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14-JAN-1998 JP 1998532913
31-JAN-1997 US 60/036476,04-DEC-1997 US
31-JAN-1997 US FELL.JAMES A MCSWIGGEN PC
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                    /organism="unidentified"
/mol_type="genomic RNA"
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Pred. No. 1.1e+03;
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3191 07-JUN-2001;
Curagen Corporation (US)
           Homo sapiens (human)
                                                  Sequence 6525 from Pate
AX163197
AX163197.1 GI:14544528
                                                                                                                                                                                                                                                                                                                                                                             methods of use thereof
Patent: WO 0151670-A 287 19-JUL-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Nucleic acids containing single nucleotide
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Mammalia; Eutheria; Primates;
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ilarity 72.0%;
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Accession number cg41584420"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg43064195"
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/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
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Vogelstein,B., Kinzler,K.W., Zhang,L. a
Gene expression profiles in normal and
Patent: US 6333152-A 5 25-DEC-2001;
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                                    methods of use thereof
Patent: WO 0140521-A 5020 07-JUN-2001;
Curagen Corporation (US)
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AX161692
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                                                                      Nucleic acids containing single nucleotide polymorphisms
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                       Homo sapiens (human)
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Accession number cg39667665"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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0; Mismatches 17;
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Pred. No. 1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Nucleic acids containing single nucleotide polymorphisms and methods of use thereof Patent: WO 0140521-A 7 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7 from Patent WO0140521.
AX156679
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                                                                                    Shimkets,R.A. and Leach,M.D.
Nucleic acids containing single nucleotide polymorphisms
methods of use thereof
Patent: WO 0151670-A 187 19-JUL-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                             Sequence 187 from Patent
AX199257
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
26
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note="2 of 2 allelic variants (8 Accession number cg42918213"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
0; Mismatches 9;
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WO0151670.
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AX199255/c
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AX116181/c
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Best Local Similarity
Matches 22; Conserv
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Matches 22; Conserv
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                                                                                                              misc_feature
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22; Conserv
                                                                                                                                                                                                   methods of use thereof
Patent: WO 0151670-A 185 19-JUL-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                 Shimkets,R.A. and Leach,M.D.
Nucleic acids containing single nucleotide polymorphisms and
                                                                                                                                                                                                                                                                                                                              Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                            Sequence 185 from Patent AX199255
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1304 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1304 from Patent AX116181
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                                                               AX199255.1 GI:15389625
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                                                                                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                               Accession
                                                                            /note="1 of 2 allelic variants (186 is other entry)
Accession number cg42928085"
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Pred. No. 1.3e+03;
0; Mismatches 14
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Pred. No. 1.
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1.3e+03;
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BD244856/c
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AX199256/c
                                                                FEATURES
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TITLE
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Best Local
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                                                                            MCGILL UNIVERSITY
OS Artificial Sec
PN JP 2002532063
PD 02-OCT-2002
PD 07-OCT-1999 JI
PR 07-OCT-1999 JI
PR 07-OCT-1996 CC C12N15/09,C12C
CC Description of
FH Key
FT source
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                                                                                                                                                                                                                                                                               synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 15)
Pelletier, J. and Das, M.
Oligonucleotide primer capable of making
strand formation unstable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Nucleic acids containing single nucleotide polymorphisms methods of use thereof Patent: WO 0151670-A 186 19-JUL-2001; Curagen Corporation (US)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         Oligonucleotide primer capable
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                                                                                                                                                                                                                                                                  Patent: JP 2002532063-A 1
                                                                                                                                                                                                                                                                                                                                                                                             JP 2002532063-A/1.
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                                                                                                                                                                     02-OCT-2002
06-OCT-1999 JP 2000574722
07-OCT-1998 CA 22466
                                                                                                            Description of Artificial Sequence: synthetic oligonucleotide
Key Location/Qualifiers
                                                                                                                                           JERRY PELLETIER, MANJULA DAS
C12N15/09, C12Q1/68, C12N15/00
                                                                                                                                                                                                                    Artificial Sequence JP 2002532063-A/1
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                                                        /organism='Artificial
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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AR180332/c
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Vogelstein, B., Kinzler, K.W., Zhang, L. a
Gene expression profiles in normal and
Patent: US 6333152-A 3 25-DEC-2001;
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Sequence 11 from patent US
AR179943
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       AR180332 1:
Sequence 400 from patent US
AR180332
AR180332.1 GI:20222365
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larity 93.3%;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+C
O; Mismatches
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Vogelstein, B., Kinzler, K.W., Zhang, L. a

Gene expression profiles in normal and

Batent: US 6333152-A 400 25-DEC-2001;
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AR180415
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1 (bases 1 +
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Vogelstein, B., Kinzler, K.W., Zhang, L. and Zhou, W. Gene expression profiles in normal and cancer cel Patent: US 6333152-A 492 25-DEC-2001;
Location/Qualifiers
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Vogelatein,B., Kinzler,K.W., Zhang,L. a
Gene expression profiles in normal and
Patent: US 6333152-A 483 25-DEC-2001;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Garner, H.R., Wren, J.D., Minna, J.D. and
Polymorphic repeats in human genes
Patent: US 6472154-A 164 29-OCT-2002;
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Sequence 14 from Patent
AX573360
AX573360.1 GI:26005243
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Sequence 14 from Patent W002077228.
AX565525
AX565525.1 GI:26000875
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           synthetic construct synthetic construct
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Primer Ex5R1"
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/mol_type="genomic DNA"
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AR154077
                                                                                 1 (bases 1 to 16)
Schumm, J.W. and Bacher, J.W.
Materials and methods for indentifying
tandem repeat DNA markers
Patent: US 6238863-A 127 29-MAY-2001;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unclassified.
1 (bases 1 to 16)
Williams, K. Leslie.,
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                                                                                                                                                                                                                                                                                                                                                                                                                         Patent: US 6146855-A 2 14-NOV-2000;
Location/Qualifiers
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/db_xref="taxon:32630"
/note="Primer Ex5R1"
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                                 /organism="unknown"
/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CQ828902
Sequence 620 from Patent
CQ828902
CQ828902.1 GI:49732385
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
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Regulatory elements in the 5' region of the
Patent: WO 2004053120-A 658 24-JUN-2004;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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                                                                                                                                                                     organism="Homo sapiens"
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6097 from patent US
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Weihe, E., Bieller, A. and Schaefer, M.K. Regulatory elements in the 5' region of the Patent: WO 2004053120-A 679 24-JUN-2004;
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 6097 20-MAY-2003;
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Ashby,M.

Methods for the survey and genetic analysis Patent: US 6613520-A 171 02-SEP-2003;
                                                                                                                                                                                                                                                                                                                                                                                                             1.4%; Score 13.4; DB 1;
Similarity 93.3%; Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Eckstein,F., Ludwig,J. and Beigelman,L.
Nucleic acid catalysts with endonuclease
Patent: US 6656731-A 263 02-DEC-2003;
Location/Qualifiers
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Eckstein,F., Ludwig,J. and Beigelman,L.
Nucleic acid catalysts with endonuclease
Patent: US 6656731-A 261 02-DEC-2003;
Location/Qualifiers
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                                                                                                                                           /organism="unknown"
/mol_type="unassigned
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/mol_type="unassigned RNA"
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/mol_type="genomic DNA"
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AX282039
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AR436006
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          Mabilat,C., Desvarenne,S., Babola,O., Lacroix,B. and bello Pigem,N. Method for the detection and/or identification of the original animal matter contained in a sample patent: WO 03057913-A 83 17-JUL-2003;
                                                                Canis familiarie
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae;
                                                                                                                                  Sequence 83
AX801944
                                                                                                                                                                                                                                                                                                                                                                         Methods for the survey and genetic analysis Patent: WO 0177392-A 171 18-OCT-2001;
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Bacteria; Proteobacteria;
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Eckstein,F., Ludwig,J. and Beigelman,L.
Rucleic acid catalysts with endonuclease
Patent: US 6656731_A 265_02-DEC-2003;
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/mol_type="unassigned DNA"
/db_xref="taxon:2290"
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/mol_type="unassigned RNA"
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Search completed: November 15, 2004, 07:52:51 Job time : 26 secs
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Patent: JP 2002502606-A 127 29-JAN-2002;
Patent: JP 2002502606-A/127
PSEMMEGA CORP
OS Unidentified
PN JP 2002502606-A/127
PD 29-JAN-2002
PF 04-FEB-1999 US 09/018584
PR 04-FEB-1999 US 09/018584
PR 04-FEB-1998 US 09/018584
PR 04-FEB-1998 US 09/018584
PR 04-FEB-1998 US 09/018584
PR 04-FEB-1998 US 09/018584
PR 04-FEB-1999 US 09/018584
PR 04-FEB-199 US 09/018
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Schumm,J.W. and Bacher,J.W.
Material and method for specifying and analyzing medium-size tandem
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JP 2002502606-A/127.
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/mol_type="unassigned DNA"
/db_xref="taxon:9615"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism='Unidentified'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1.4%; Score 13.4; DB 1; Length 16; 93.3%; Pred. No. 1.1e+03; ative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                             1.4%; Score 13.4; DB 1; 93.3%; Pred. No. 1.1e+03; ative 0; Mismatches 1;
                                                                                                                                                                                                                                                                    1; Indels
                                                                                                                                                                                                                                                                                                                          Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  <u>,</u>
                                                                                                                                                                                                                                                                0;
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                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0
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